U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

Air Traffic Organization Policy

ORDER JO 7400.10D

Effective Date:
February 16, 2022

SUBJ: Special Use Airspace

1. Purpose of This Order. This order, published yearly, provides a listing of all regulatory and non-regulatory special use airspace areas, as well as issued but not yet implemented amendments to those areas established by the Federal Aviation Administration (FAA).

2. Audience. Airspace and Aeronautical Operations personnel, Air Traffic Controllers, and interested aviation parties.

3. Where Can I Find This Order. You can find this order on the FAA Air Traffic Plans and Publications website at http://www.faa.gov/air_traffic/publications/, and the FAA employees' website at htts://employees.faa.gov/tools_resources/orders_notices/.

4. What This Order Cancels. FAA Order JO 7400.10C, Special Use Airspace, dated February 16, 2021 is canceled.

5. Effective Date. February 16, 2022.

6. Background. Actions establishing, amending, or revoking regulatory and non-regulatory designations of special use airspace areas, in the United States and its territories, are issued by the FAA throughout the year. Regulatory special use airspace actions (see Part I of this order) are published in both the Federal Register and the National Flight Data Digest (NFDD). Non-regulatory special use airspace actions (see Part II of this order) are published only in the NFDD. These actions are generally effective on dates coinciding with the periodic issuance of Aeronautical Navigation Products navigational charts. For ease of reference, the FAA is providing the compilation of all regulatory and non-regulatory special use airspace areas in effect and pending as of January 19, 2022.

Since revisions to this order are not published between editions, the order should be used for general reference only and not as a sole source of information where accurate positional data are required (e.g., video maps, letter of agreement, etc.). All positional data used in this order are based on the North American Datum of 1983. No substantive change to any airspace designation is made by this effort. All substantive amendments to special use airspace have been adopted and published previously in accordance with 5 U.S.C. sections 552 and 553.

Distribution: Electronic

Initiated by: AJV-P2

7. Request for Information. For further information, contact the Mission Support, Rules and Regulations Group, AJV-P2, Federal Aviation Administration, 800 Independence Avenue, SW, Washington, DC 20591; telephone: (202) 267-8783, or through our mailbox at 9-AJV-P-HQ-Correspondence@faa.gov.

8. Distribution. This change is available online and will be distributed electronically to all offices that subscribe to receive email notification/access to it through the FAA website at https://faa.gov/air_traffic/publications.

Natasha A. Durkins

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Air Traffic Organization

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Part I – Regulatory Special Use Airspace Areas

Subpart A – General

§ 73.1 Applicability.

The airspace that is described in Subpart B and Subpart C of this part is designated as special use airspace. These parts prescribe the requirements for the use of that airspace.

§ 73.3 Special Use Airspace.

(a) Special use airspace consists of airspace of defined dimensions identified by an area on the surface of the earth wherein activities must be confined because of their nature, or wherein limitations are imposed upon aircraft operations that are not a part of those activities, or both.

(b) The vertical limits of special use airspace are measured by designated altitude floors and ceilings expressed as flight levels or as feet above mean sea level (MSL). Unless otherwise specified, the word "to" (an altitude or flight level) means "to and including" (that altitude or flight level).

(c) The horizontal limits of special use airspace are measured by boundaries described by geographic coordinates or other appropriate references that clearly define their perimeter.

(d) The period of time during which a designation of special use airspace is in effect is stated in the designation.

§ 73.5 Bearings, Radials, and Miles.

(a) All bearings and radials in this part are true from point of origin.

(b) Unless otherwise specified, all mileages in this part are stated as statute miles.

Subpart B – Restricted Areas

§ 73.11 Applicability.

This subpart designates restricted areas and prescribes limitations on the operation of aircraft within them.

§ 73.13 Restrictions.

No person may operate an aircraft within a restricted area between the designated altitudes and during the time of designation, unless he has the advance permission of:

(a) The using agency described in § 73.15; or

(b) The controlling agency described in § 73.17.

§ 73.15 Using Agency.

(a) For the purposes of this subpart, the following are using agencies:

(1) The agency, organization, or military command whose activity within a restricted area necessitated the area being so designated.

(2) [Reserved]

(b) Upon the request of the FAA, the using agency shall execute a letter establishing procedures for joint use of a restricted area by the using agency and the controlling agency, under which the using agency would notify the controlling agency whenever the controlling agency may grant permission for transit through the restricted area in accordance with the terms of the letter.

(c) The using agency shall:

(1) Schedule activities within the restricted area;

(2) Authorize transit through, or flight within, the restricted area as feasible; and

(3) Contain within the restricted area all activities conducted therein in accordance with the purpose for which it was designated.

§ 73.17 Controlling Agency.

For the purposes of this part, the controlling agency is the FAA facility that may authorize transit through or flight within a restricted area in accordance with a joint-use letter issued under § 73.15.

§ 73.19 Reports by Using Agency.

(a) Each using agency shall prepare a report on the use of each restricted area assigned thereto during any part of the preceding 12-month period ended September 30, and transmit it by the following January 31 of each year to the Manager, Air Traffic Division in the regional office of the Federal Aviation Administration having jurisdiction over the area in which the restricted area is located, with a copy to the Director, Office of Air Traffic System Management, Federal Aviation Administration, Washington, DC 20591.

(b) In the report under this section the using agency shall:

(1) State the name and number of the restricted area as published in this part, and the period covered by the report.

(2) State the activities (including average daily number of operations if appropriate) conducted in the area, and any other pertinent information concerning current and future electronic monitoring devices.

(3) State the number of hours daily, the days of the week, and the number of weeks during the year that the area was used.

(4) For restricted areas having a joint-use designation, also state the number of hours daily, the days of the week, and the number of weeks during the year that the restricted area was released to the controlling agency for public use.

(5) State the mean sea level altitudes or flight levels (whichever is appropriate) used in aircraft operations and the maximum and average ordinate of surface firing (expressed in feet, mean sea level altitude) used on a daily, weekly, and yearly basis.

(6) Include a chart of the area (of optional scale and design) depicting, if used, aircraft operating areas, flight patterns, ordnance delivery areas, surface firing points, and target, fan, and impact areas. After once submitting an appropriate chart, subsequent annual charts are not required unless there is a change in the area activity or altitude (or flight levels) used, which might alter the depiction of the activities originally reported. If no change is to be submitted, a statement indicating "no change" shall be included in the report.

(7) Include any other information not otherwise required under this part which is considered pertinent to activities carried on in the restricted area.

(c) If it is determined that the information submitted under paragraph (b) of this section is not sufficient to evaluate the nature and extent of the use of a restricted area, the FAA may request the using agency to submit supplementary reports. Within 60 days after receiving a request for additional information, the using agency shall submit such information as the Director, Office of Air Traffic System Management considers appropriate. Supplementary reports must be sent to the FAA officials designated in paragraph (a) of this section.

AMENDMENTS 08/06/93 58 FR 42001 (Amended)

§ 73.21 Alabama (AL)

R-2101 Anniston Army Depot, AL
Boundaries. Beginning at lat. 33°41'20"N., long. 86°00'30"W.; to lat. 33°41'20"N., long. 85°59'00"W.; to lat. 33°40'30"N., long. 85°59'00"W.; to lat. 33°39'40"N., long. 85°59'50"W.; to lat. 33°39'40"N., long. 86°00'30"W.; to the point of beginning.
Designated altitudes. Surface to 5,000 feet MSL.
Time of designation. 0700 to 1800 local time, Monday-Friday.
Controlling agency. FAA, Birmingham ATCT.
Using agency. Commanding Officer, Anniston Army Depot.

AMENDMENT 06/20/19 84 FR 15952 (Amended)

R-2102A Fort McClellan, AL
Boundaries. Beginning at lat. 33°45'00"N., long. 85°53'55"W.; to lat. 33°44'07"N., long. 85°53'36"W.; to lat. 33°44'07"N., long. 85°52'55"W.; to lat. 33°41'04"N., long. 85°52'55"W.; to lat. 33°40'15"N., long. 85°54'00"W.; to lat. 33°41'20"N., long. 85°55'30"W.; to lat. 33°41'20"N., long. 86°01'07"W.; to lat. 33°43'55"N., long. 86°01'07"W.; to lat. 33°44'11"N., long. 86°00'54"W.; to lat. 33°45'00"N., long. 86°00'45"W.; to lat. 33°45'20"N., long. 86°00'31"W.; to lat. 33°45'27"N., long. 86°00'16"W.; to lat. 33°45'27"N., long. 85°59'26"W.; to lat. 33°45'14"N., long. 85°59'26"W.; to lat. 33°45'14"N., long. 85°55'17"W.; to lat. 33°45'00"N., long. 85°55'17"W.; to the point of beginning.
Designated altitudes. Surface to and including 8,000 feet MSL.
Time of designation. Intermittent, 0600-2200 local time, daily; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Atlanta ARTCC.
Using agency. Alabama Army National Guard.

AMENDMENTS 09/09/99 64 FR 39016 (Amended)

R-2102B Fort McClellan, AL
Boundaries. Beginning at lat. 33°45'00"N., long. 85°53'55"W.; to lat. 33°44'07"N., long. 85°53'36"W.; to lat. 33°44'07"N., long. 85°52'55"W.; to lat. 33°41'04"N., long. 85°52'55"W.; to lat. 33°40'15"N., long. 85°54'00"W.; to lat. 33°41'20"N., long. 85°55'30"W.; to lat. 33°41'20"N., long. 86°01'07"W.; to lat. 33°43'55"N., long. 86°01'07"W.; to lat. 33°44'11"N., long. 86°00'54"W.; to lat. 33°45'00"N., long. 86°00'45"W.; to lat. 33°45'20"N., long. 86°00'31"W.; to lat. 33°45'27"N., long. 86°00'16"W.; to lat. 33°45'27"N., long. 85°59'26"W.; to lat. 33°45'14"N., long. 85°59'26"W.; to lat. 33°45'14"N., long. 85°55'17"W.; to lat. 33°45'00"N., long. 85°55'17"W.; to the point of beginning.
Designated altitudes. 8,000 feet MSL to and including 14,000 feet MSL.
Time of designation. Intermittent, 0600-2200 local time, daily; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Atlanta ARTCC.
Using agency. Alabama Army National Guard.

AMENDMENTS 09/09/99 64 FR 39016 (Amended)

R-2102C Fort McClellan, AL
Boundaries. Beginning at lat. 33°45'00"N., long. 85°53'55"W.; to lat. 33°44'07"N., long. 85°53'36"W.; to lat. 33°44'07"N., long. 85°52'55"W.; to lat. 33°41'04"N., long. 85°52'55"W.; to lat. 33°40'15"N., long. 85°54'00"W.; to lat. 33°41'20"N., long. 85°55'30"W.; to lat. 33°41'20"N., long. 86°01'07"W.; to lat. 33°43'55"N., long. 86°01'07"W.; to lat. 33°44'11"N., long. 86°00'54"W.; to lat. 33°45'00"N., long. 86°00'45"W.; to lat. 33°45'20"N., long. 86°00'31"W.; to lat. 33°45'27"N., long. 86°00'16"W.; to lat. 33°45'27"N., long. 85°59'26"W.; to lat. 33°45'14"N., long. 85°59'26"W.; to lat. 33°45'14"N., long. 85°55'17"W.; to lat. 33°45'00"N., long. 85°55'17"W.; to the point of beginning.
Designated altitudes. 14,000 feet MSL to 24,000 feet MSL.
Time of designation. Intermittent, 0600-2200 local time, daily; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Atlanta ARTCC.
Using agency. Alabama Army National Guard.

AMENDMENTS 09/09/99 64 FR 39016 (Amended)

R-2103A Fort Rucker, AL
Boundaries. A circular area with a radius of 4 miles centered at lat. 31°26'56"N., long. 85°47'45"W.
Designated altitudes. Surface to but not including 10,000 feet. MSL.
Time of designation. Continuous.
Controlling agency. U.S. Army, Cairns Approach Control.
Using agency. Commanding General, U.S. Army Aviation Center, Fort Rucker, AL.

AMENDMENTS 08/15/96 61 FR 30508 (Added)

R-2103B Fort Rucker, AL
Boundaries. A circular area with a radius of 4 miles centered at lat. 31°26'56"N., long. 85°47'45"W.
Designated altitudes. 10,000 feet MSL to 15,000 feet MSL.
Time of designation. By NOTAM 6 hours in advance.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. Commanding General, U.S. Army Aviation Center, Fort Rucker, AL.

AMENDMENTS 08/15/96 61 FR 30508 (Added)

R-2104A Huntsville, AL
Boundaries. Beginning at lat. 34°38'40"N., long. 86°43'00"W.; to lat. 34°38'40"N., long. 86°41'00"W.; to lat. 34°38'00"N., long. 86°40'53"W.; to lat. 34°37'35"N., long. 86°37'40"W.; to lat. 34°37'00"N., long. 86°37'00"W.; to lat. 34°36'27"N., long. 86°36'38"W.; to lat. 34°34'50"N., long. 86°36'38"W.; thence west along the Tennessee River to lat. 34°35'02"N., long. 86°43'25"W.; to lat. 34°37'19"N., long. 86°43'20"W.; to lat. 34°37'19"N., long. 86°43'05"W.; thence to the point of beginning.
Designated altitudes. Surface to 12,000 feet MSL.
Time of designation. Intermittent, 0600-2000 local time, Monday-Saturday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Memphis ARTCC.
Using agency. Commander, U.S. Army Garrison Redstone, Redstone Arsenal, AL.

AMENDMENT 02/09/12 76 FR 69125 (Amended)

R-2104B Huntsville, AL
Boundaries. Beginning at lat. 34°38'53"N., long. 86°37'40"W.; to lat. 34°37'55"N., long. 86°35'21"W.; to lat. 34°35'05"N., long. 86°35'24"W.; thence west along the Tennessee River to lat. 34°34'50"N., long. 86°36'38"W.; to lat. 34°36'27"N., long. 86°36'38"W.; to lat. 34°37'00"N., long. 86°37'00"W.; thence to the point of beginning.
Designated altitudes. Surface to 2,400 feet MSL.
Time of designation. Continuous.
Controlling agency. FAA, Memphis ARTCC.
Using agency. Commander, U.S. Army Garrison Redstone, Redstone Arsenal, AL.

AMENDMENT 02/09/12 76 FR 69125 (Amended)

R-2104C Huntsville, AL
Boundaries. Beginning at lat. 34°41'25"N., long. 86°42'57"W.; to lat. 34°42'00"N., long. 86°41'35"W.; to lat. 34°38'40"N., long. 86°41'00"W.; to lat. 34°38'40"N., long. 86°43'00"W., thence to the point of beginning.
Designated altitudes. Surface to 12,000 feet MSL.

Time of designation. Intermittent, 0600-2000 local time, Monday-Saturday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Memphis ARTCC.
Using agency. Commander, U.S. Army Garrison Redstone, Redstone Arsenal, AL.

AMENDMENT 02/09/12 76 FR 69125 (Amended)

R-2104D Huntsville, AL
Boundaries. Beginning at lat. 34°38'40"N., long. 86°43'00"W.; to lat. 34°38'40"N., long. 86°41'00"W.; to lat. 34°38'00"N., long. 86°40'53"W.; to lat. 34°37'35"N., long. 86°37'40"W.; to lat. 34°37'00"N., long. 86°37'00"W.; to lat. 34°36'27"N., long. 86°36'38"W.; to lat. 34°34'50"N., long. 86°36'38"W.; thence west along the Tennessee River to lat. 34°35'02"N., long. 86°43'25"W.; to lat. 34°37'19"N., long. 86°43'20"W.; to lat. 34°37'19"N., long. 86°43'05"W.; thence to the point of beginning.
Designated altitudes. 12,000 feet MSL to FL 300.
Time of designation. By NOTAM 6 hours in advance.
Controlling agency. FAA, Memphis ARTCC.
Using agency. Commander, U.S. Army Garrison Redstone, Redstone Arsenal, AL.

AMENDMENT 02/09/12 76 FR 69125 (Amended)

R-2104E Huntsville, AL
Boundaries. Beginning at lat. 34°41'25"N., long. 86°42'57"W.; to lat. 34°42'00"N., long. 86°41'35"W.; to lat. 34°38'40"N., long. 86°41'00"W.; to lat. 34°38'40"N., long. 86°43'00"W.; thence to the point of beginning.
Designated altitudes. 12,000 feet MSL to FL 300.
Time of designation. By NOTAM 6 hours in advance.
Controlling agency. FAA, Memphis ARTCC.
Using agency. Commander, U.S. Army Garrison Redstone, Redstone Arsenal, AL.

AMENDMENT 02/09/12 76 FR 69125 (Amended)

§ 73.22 Alaska (AK)

R-2201A Fort Greely, AK
Boundaries. Beginning at lat. 63°58'45"N., long. 145°35'06"W.; to lat. 63°58'08"N., long. 145°35'05"W.; to lat. 63°57'06"N., long. 145°30'15"W.; to lat. 63°57'11"N., long. 145°39'25"W.; to lat. 63°58'48"N., long. 145°39'25"W.; to the point of beginning.
Designated altitudes. Surface to but not including 6,000 feet MSL.
Time of designation. 0700-1900 local time Monday-Friday; other times by NOTAM 4 hours in advance.
Controlling agency. FAA, Anchorage ARTCC.

Using agency. U.S. Army, AK (USARAK), Commanding General, Joint Base Elmendorf-Richardson (JBER), AK.

AMENDMENT 10/10/19 84 FR 39964 (Added)

R-2201B Fort Greely, AK
Boundaries. Beginning at lat. 63°57'06"N., long. 145°30'15"W.; thence clockwise along a 6.3-NM radius of Allen AAF; to lat. 63°56'14"N., long. 145°31'17"W.; to lat. 63°54'54"N., long. 145°26'55"W.; thence south along Granite Creek; to lat. 63°49'36"N., long. 145°34'53"W.; to lat. 63°49'36"N., long. 145°40'45"W.; thence north along the west bank of Jarvis Creek; to lat. 63°52'14"N., long. 145°41'49"W.; to lat. 63°52'56"N., long. 145°42'52"W.; to lat. 63°55'01"N., long. 145°42'52"W.; to lat. 63°56'20"N., long. 145°39'26"W.; to lat. 63°57'11"N., long. 145°39'25"W.; to the point of beginning.
Designated altitudes. Surface to but not including 6,000 feet MSL.
Time of designation. 0700-1900 local time Monday-Friday; other times by NOTAM 4 hours in advance.
Controlling agency. FAA, Anchorage ARTCC.
Using agency. U.S. Army, AK (USARAK), Commanding General, Joint Base Elmendorf-Richardson (JBER), AK.

AMENDMENT 10/10/19 84 FR 39964 (Added)

R-2201C Fort Greely, AK
Boundaries. Beginning at lat. 63°58'45"N., long. 145°35'06"W.; to lat. 63°58'08"N., long. 145°35'05"W.; to lat. 63°57'06"N., long. 145°30'15"W.; to lat. 63°57'11"N., long. 145°39'25"W.; to lat. 63°58'48"N., long. 145°39'25"W.; to the point of beginning.
Designated altitudes. 6,000 feet MSL to 11,000 feet MSL.
Time of designation. By NOTAM 4 hours in advance.
Controlling agency. FAA, Anchorage ARTCC.
Using agency. U.S. Army, AK (USARAK), Commanding General, Joint Base Elmendorf-Richardson, AK (JBER), AK.

AMENDMENT 10/10/19 84 FR 39964 (Added)

R-2201D Fort Greely, AK
Boundaries. Beginning at lat. 63°57'06"N., long. 145°30'15"W.; thence clockwise along a 6.3-NM radius of Allen AAF;to lat. 63°56'14"N., long. 145°31'17"W.; to lat. 63°54'54"N., long. 145°26'55"W.; thence south along Granite Creek;to lat. 63°49'36"N., long. 145°34'53"W.; to lat. 63°49'36"N., long. 145°40'45"W.; thence north along the west bank of Jarvis Creek; to lat. 63°52'14"N., long. 145°41'49"W.; to lat. 63°52'56"N., long 145°42'52"W.; to lat. 63°55'01"N., long. 145°42'52"W.; to lat. 63°56'20"N., long. 145°39'26"W.; to lat. 63°57'11"N., long. 145°39'25"W.; to the point of beginning.
Designated altitudes. 6,000 feet MSL to 11,000 feet MSL.

Time of designation. By NOTAM 4 hours in advance.
Controlling agency. FAA, Anchorage ARTCC.
Using agency. U.S. Army, AK (USARAK), Commanding General, Joint Base Elmendorf-Richardson (JBER), AK.

AMENDMENT 10/10/19 84 FR 39964 (Added)

R-2202A Big Delta, AK
Boundaries. Beginning at lat. 64°03'34"N., long. 146°10'58"W.; to lat. 63°56'16"N., long. 145°49'38"W.; to lat. 63°54'19"N., long. 145°50'28"W.; to lat. 63°50'29"N., long.145°50'08"W.; to lat. 63°42'59"N., long. 145°54'09"W.; to lat. 63°42'14"N., long. 146°13'34"W.; to lat. 63°43'59"N., long. 146°30'08"W.; to lat. 63°45'23"N., long. 146°11'38"W.; thence to the point of beginning.
Designated altitudes. Surface to but not including 10,000 feet MSL.
Time of designation. 0700 to 1800 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Anchorage ARTCC.
Using agency. U.S. Army, Commander, Cold Regions Test Center, Fort Greely, AK.

AMENDMENTS 03/15/07 71 FR 70466 (Amended)

R-2202B Big Delta, AK
Boundaries. Beginning at lat. 64°14'44"N., long. 146°43'23"W.; to lat. 64°03'34"N., long. 146°10'58"W.; to lat. 63°45'23"N., long. 146°11'38"W.; to lat. 63°43'59"N., long. 146°30'08"W.; to lat. 63°50'49"N., long. 146°47'38"W.; thence along the east bank of the East Fork and Little Delta Rivers to the point of beginning.
Designated altitudes. Surface to but not including 10,000 feet MSL.
Time of designation. 0700-1800 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Anchorage ARTCC.
Using agency. U.S. Army, Commander, Cold Regions Test Center, Fort Greely, AK.

AMENDMENTS 03/15/07 71 FR 70466 (Amended)

R-2202C Big Delta, AK
Boundaries. Beginning at lat. 64°14'44"N., long. 146°43'23"W.; to lat. 64°03'34"N., long. 146°10'58"W.; to lat. 63°56'16"N., long. 145°49'38"W.; to lat. 63°54'19"N., long. 145°50'28"W.; to lat. 63°50'29"N., long. 145°50'08"W.; to lat. 63°42'59"N., long. 145°54'09"W.; to lat. 63°42'14"N., long. 146°13'34"W.; to lat. 63°43'59"N., long. 146°30'08"W.; to lat. 63°50'49"N., long. 146°47'38"W.; thence along the east bank of the East Fork and Little Delta Rivers to the point of beginning.
Designated altitudes. 10,000 feet MSL to and including FL 310.

Time of designation. Intermittent by NOTAM.
Controlling agency. FAA, Anchorage ARTCC.
Using agency. U.S. Army, Commander, Cold Regions Test Center, Fort Greely, AK.

AMENDMENTS 03/15/07 71 FR 70466 (Amended)

R-2202D Big Delta, AK
Boundaries. Beginning at lat. 64°14'44"N., long. 146°43'23"W.; to lat. 64°03'34"N., long. 146°10'58"W.; to lat. 63°56'16"N., long. 145°49'38"W.; to lat. 63°54'19"N., long. 145°50'28"W.; to lat. 63°50'29"N., long. 145°50'08"W.; to lat. 63°42'59"N., long. 145°54'09"W.; to lat. 63°42'14"N., long. 146°13'34"W.; to lat. 63°43'59"N., long. 146°30'08"W.; to lat. 63°50'49"N., long. 146°47'38"W.; thence along the east bank of the East Fork and Little Delta Rivers to the point of beginning.
Designated altitudes. Above FL 310 to unlimited.
Time of designation. Intermittent by NOTAM.
Controlling agency. FAA, Anchorage ARTCC.
Using agency. U.S. Army, Commander, Cold Regions Test Center, Fort Greely, AK.

AMENDMENTS 03/15/07 71 FR 70466 (Amended)

R-2203A Eagle River, AK
Boundaries. Beginning at lat. 61°21'58"N., long. 149°33'56"W.; thence southwesterly along the Alaska Railroad to lat. 61°17'58"N., long. 149°39'53"W.; to lat. 61°17'58"N., long. 149°44'08"W.; to lat. 61°17'13"N., long. 149°42'33"W.; to lat. 61°17'13"N., long. 149°36'23"W.; to the point of beginning.
Designated altitudes. Surface to 11,000 feet MSL.
Time of designation. 0500-2400 Monday - Friday; other times by NOTAM at least 24 hours in advance.
Controlling agency. FAA, Anchorage Approach Control.
Using agency. U.S. Army, AK (USARAK), Commanding General, Fort Richardson, AK.

AMENDMENTS 05/05/11 76 FR 12558 (Amended)

R-2203B Eagle River, AK
Boundaries. Beginning at lat. 61°24'32"N., long. 149°33'56"W.; thence southwesterly along the shoreline to lat. 61°19'43"N., long. 149°44'08"W.; to lat. 61°17'58"N., long. 149°44'08"W.; to lat. 61°17'58"N., long. 149°39'53"W.; thence northeasterly along the Alaskan Railroad to lat. 61°21'58"N., long. 149°33'56"W; to the point of beginning.
Designated altitudes. Surface to 11,000 feet MSL.

Time of designation. 0500-2400 Monday - Friday; other times by NOTAM at least 24 hours in advance.
Controlling agency. FAA, Anchorage Approach Control.
Using agency. U.S. Army, AK (USARAK), Commanding General, Fort Richardson, AK.

AMENDMENTS 05/05/11 76 FR 12558 (Amended)

R-2203C Eagle River, AK
Boundaries. Beginning at lat. 61°19'43"N., long. 149°44'08"W.; thence westerly along the shoreline to lat. 61°19'36"N., long. 149°46'44"W.; to lat. 61°19'10"N., long. 149°46'44"W.; to lat. 61°17'58"N., long. 149°44'08"W.; to the point of beginning.
Designated altitudes. Surface to 5,000 feet MSL.
Time of designation. 0500-2400 Monday - Friday; other times by NOTAM at least 24 hours in advance.
Controlling agency. FAA, Anchorage Approach Control.
Using agency. U.S. Army, AK (USARAK), Commanding General, Fort Richardson, AK.

AMENDMENTS 05/05/11 76 FR 12558 (Amended)

R-2204 Oliktok Point High, AK
Boundaries. Within a 2 NM radius centered at lat. 70°30'35"N., long. 149°51'33"W.
Designated altitudes. 1,500 feet MSL to, but not including, 7,000 feet MSL.
Time of designation. By NOTAM, 24 hours in advance, not to exceed 75 days per year.
Controlling agency. FAA, Anchorage ARTCC.
Using agency. Department of Energy, Office of Science, Washington, DC.

AMENDMENTS 06/03/10 75 FR 12976 (Amended)

R-2204 Oliktok Point Low, AK
Boundaries. Within a 2 NM radius centered at lat. 70°30'35"N., long. 149°51'33"W.
Designated altitudes. Surface to, but not including, 1,500 feet MSL.
Time of designation. By NOTAM, 24 hours in advance, not to exceed 75 days per year.
Controlling agency. FAA, Anchorage ARTCC.
Using agency. Department of Energy, Office of Science, Washington, DC.

AMENDMENTS 06/03/10 75 FR 12976 (Amended)

R-2205A Fairbanks, AK
Boundaries. Beginning at lat. 64°43'40"N., long. 146°59'27"W.; clockwise along the 4.7-mile radius of Eielson AFB; to lat. 64°37'50"N., long. 146°56'19"W.; to lat. 64°39'41"N., long. 146°56'23"W.; to lat. 64°39'41"N., long. 146°57'24"W.; to lat. 64°40'07"N., long. 146°57'24"W.; to lat. 64°40'07"N., long. 147°00'26"W.; to lat. 64°41'25"N., long. 147°00'26"W.; to lat.

64°41'25"N., long. 147°02'23"W.; to lat. 64°43'35"N., long. 147°02'23"W.; to lat. 64°43'35"N., long. 146°59'26"W.; to the point of beginning.
Designated altitudes. Surface to but not including 10,000 feet MSL.
Time of designation. 0700-1900 local time Monday-Friday; other times by NOTAM two and one-half hours in advance.
Controlling agency. FAA, Fairbanks Approach Control.
Using agency. U.S. Army, AK (USARAK), Commanding General, Joint Base Elemendorf-Richardson (JBER), AK.

AMENDMENT 10/10/19 84 FR 39960 (Added)

R-2205B Fairbanks, AK
Boundaries. Beginning at lat. 64°48'47"N., long. 146°41'03"W.; to lat. 64°37'40"N., long. 146°41'10"W.; to lat. 64°37'50"N., long. 146°56'19"W.; counter-clockwise along the 4.7-mile radius of Eielson AFB; to lat. 64°43'40"N., long. 146°59'27"W.; to lat. 64°47'54"N., long. 146°59'25"W.; to lat. 64°48'47"N., long. 146°57'08"W.; to the point of beginning.
Designated altitudes. Surface to but not including 10,000 feet MSL.
Time of designation. 0700-1900 local time Monday-Friday; other times by NOTAM two and one-half hours in advance.
Controlling agency. FAA, Fairbanks Approach Control.
Using agency. U.S. Army, AK (USARAK), Commanding General, Joint Base Elemendorf-Richardson (JBER), AK.

AMENDMENT 10/10/19 84 FR 39960 (Added)

R-2205C Fairbanks, AK
Boundaries. Beginning at lat. 64°46'36"N., long. 146°10'42"W.; to lat. 64°37'33"N., long. 146°10'39"W.; to lat. 64°37'40"N., long. 146°41'10"W.; to lat. 64°48'47"N., long. 146°41'03"W.; to lat. 64°48'47"N., long. 146°32'18"W.; to lat. 64°46'36"N., long. 146°32'18"W.; to the point of beginning.
Designated altitudes. Surface to but not including 10,000 feet MSL.
Time of designation. 0700-1900 local time Monday-Friday; other times by NOTAM two and one-half hours in advance.
Controlling agency. FAA, Fairbanks Approach Control.
Using agency. U.S. Army, AK (USARAK), Commanding General, Joint Base Elemendorf-Richardson (JBER), AK.

R-2205D Fairbanks, AK
Boundaries. Beginning at lat. 64°37'40"N., long. 146°41'10"W.; to lat. 64°33'38"N., long. 146°41'13"W.; to lat. 64°33'38"N., long. 146°45'18"W.; to lat. 64°33'51"N., long. 146°45'18"W.; to lat. 64°35'09"N., long. 146°51'22"W.; to lat. 64°36'54"N., long. 146°54'14"W.; to lat. 64°37'50"N., long. 146°56'19"W.; to the point of beginning.
Designated altitudes. Surface to but not including 10,000 feet MSL.

Time of designation. 0700-1900 local time Monday-Friday; other times by NOTAM two and one-half hours in advance.
Controlling agency. FAA, Fairbanks Approach Control.
Using agency. U.S. Army, AK (USARAK), Commanding General, Joint Base Elemendorf-Richardson (JBER), AK.

AMENDMENT 10/10/19 84 FR 39960 (Added)

R-2205E Fairbanks, AK
Boundaries. Beginning at lat. 64°37'33"N., long. 146°10'39"W.; to lat. 64°35'48"N., long. 146°10'40"W.; to lat. 64°35'48"N., long. 146°11'38"W.; to lat. 64°33'51"N., long. 146°19'41"W.; to lat. 64°33'38"N., long. 146°19'41"W.; to lat. 64°33'38"N., long. 146°41'13"W.; to lat. 64°37'40"N., long. 146°41'10"W.; to the point of beginning.
Designated altitudes. Surface to but not including 10,000 feet MSL.
Time of designation. 0700-1900 local time Monday-Friday; other times by NOTAM two and one-half hours in advance.
Controlling agency. FAA, Fairbanks Approach Control.
Using agency. U.S. Army, AK (USARAK), Commanding General, Joint Base Elmendorf-Richardson (JBER), AK.

AMENDMENT 10/10/19 84 FR 39960 (Added)

R-2205F Fairbanks, AK
Boundaries. Beginning at lat. 64°43'40"N., long. 146°59'27"W.; clockwise along the 47-mile radius of Eielson AFB; to lat. 64°37'50"N., long. 146°56'19"W.; to lat. 64°39'41"N., long. 146°56'23"W.; to lat. 64°39'41"N., long. 146°57'24"W.; to lat. 64°40'07"N., long. 146°57'24"W.; to lat. 64°40'07"N., long. 147°00'26"W.; to lat. 64°41'25"N., long. 147°00'26"W.; to lat. 64°41'25"N., long. 147°02'23"W.; to lat. 64°43'35"N., long. 147°02'23"W.; to lat. 64°43'35"N., long. 146°59'26"W.; to the point of beginning.
Designated altitudes. 10,000 feet MSL to FL 310.
Time of designation. 0700-1900 local time Monday-Friday; other times by NOTAM two and one-half hours in advance.
Controlling agency. FAA, Fairbanks Approach Control.
Using agency. U.S. Army, AK (USARAK), Commanding General, Joint Base Elmendorf-Richardson (JBER), AK.

AMENDMENT 10/10/19 84 FR 39960 (Added)

R-2205G Fairbanks, AK
Boundaries. Beginning at lat. 64°48'47"N., long. 146°41'03"W.; to lat. 64°37'40"N., long. 146°41'10"W.; to lat. 64°37'50"N., long. 146°56'19"W.; counter-clockwise along the 47-mile radius of Eielson AFB; to lat. 64°43'40"N., long. 146°59'27"W.; to lat. 64°47'54"N., long. 146°59'25"W.; to lat. 64°48'47"N., long. 146°57'08"W.; to the point of beginning.

Designated altitudes. 10,000 feet MSL to FL 310.
Time of designation. 0700-1900 local time Monday-Friday; other times by NOTAM two and one-half hours in advance.
Controlling agency. FAA, Fairbanks Approach Control.
Using agency. U.S. Army, AK (USARAK), Commanding General, Joint Base Elmendorf-Richardson (JBER), AK.

AMENDMENT 10/10/19 84 FR 39960 (Added)

R-2205H Fairbanks, AK
Boundaries. Beginning at lat. 64°46'36"N., long 146°10'42"W.; to lat. 64°37'33"N., long. 146°10'39"W.; to lat. 64°37'40"N., long. 146°41'10"W.; to lat. 64°48'47"N., long. 146°41'03"W.; to lat. 64°48'47"N., long. 146°32'18"W.; to lat. 64°46'36"N., long. 146°32'18"W.; to the point of beginning.
Designated altitudes. 10,000 feet MSL to FL 310.
Time of designation. 0700-1900 local time Monday-Friday; other times by NOTAM two and one-half hours in advance.
Controlling agency. FAA, Fairbanks Approach Control.
Using agency. U.S. Army, AK (USARAK), Commanding General, Joint Base Elmendorf-Richardson (JBER), AK.

AMENDMENT 10/10/19 84 FR 39960 (Added)

R-2205J Fairbanks, AK
Boundaries. Beginning at lat. 64°37'40"N., long. 146°41'10"W.; to lat. 64°33'38"N., long. 146°41'13"W.; to lat. 64°33'38"N., long. 146°45'18"W.; to lat. 64°33'51"N., long. 146°45'18"W.; to lat. 64°35'09"N., long. 146°51'22"W.; to lat. 64°36'54"N., long. 146°54'14"W.; to lat. 64°37'50"N., long. 146°56'19"W.; to the point of beginning.
Designated altitudes. 10,000 feet MSL to FL 310.
Time of designation. 0700-1900 local time Monday-Friday; other times by NOTAM two and one-half hours in advance.
Controlling agency. FAA, Fairbanks Approach Control.
Using agency. U.S. Army, AK (USARAK), Commanding General, Joint Base Elmendorf-Richardson (JBER), AK.

AMENDMENT 10/10/19 84 FR 39960 (Added)

R-2205K Fairbanks, AK
Boundaries. Beginning at lat. 64°37'33"N., long. 146°10'39"W.; to lat. 64°35'48"N., long. 146°10'40"W.; to lat. 64°35'48"N., long. 146°11'38"W.; to lat. 64°33'51"N., long. 146°19'41"W.; to lat. 64°33'38"N., long. 146°19'41"W.; to lat. 64°33'38"N., long. 146°41'13"W.; to lat. 64°37'40"N., long. 146°41'10"W.; to the point of beginning.
Designated altitudes. 10,000 feet MSL to FL 310.

Time of designation. 0700-1900 local time Monday-Friday; other times by NOTAM two and one-half hours in advance.
Controlling agency. FAA, Fairbanks Approach Control.
Using agency. U.S. Army, AK (USARAK), Commanding General, Joint Base Elmendorf-Richardson (JBER), AK.

AMENDMENT 10/10/19 84 FR 39960 (Added)

R-2206 Clear, AK
Boundaries. Beginning at lat. 64°19'44"N., long. 149°10'17"W.; to lat. 64°19'44"N., long. 149°15'42"W.; to lat. 64°16'17"N., long. 149°15'42"W.; to lat. 64°16'17"N., long. 149°10'14"W; thence north, 100 feet west of and parallel to the Alaska Railroad to the point of beginning.
Designated altitudes. Surface to 8,800 feet MSL.
Time of designation. Continuous.
Using agency. Commander 13th Missile Warning Squadron, Clear, AK.

R-2211 Blair Lakes, AK
Boundaries. Beginning at lat. 64°29'58"N., long. 147°44'09"W.; to lat. 64°19'58"N., long. 147°19'09"W.; to lat. 64°13'28"N., long. 147°32'08"W.; to lat. 64°22'28"N., long. 147°58'09"W.; to the point of beginning.
Time of designation. 0800 to 1800, local Monday through Friday, other times by NOTAM.
Designated altitude. Surface to FL310.
Controlling agency. FAA, Fairbanks Approach Control.
Using agency. U.S. Air Force, 354th Fighter Wing, Eielson AFB, AK.

AMENDMENTS 09/01/05 70 FR 34650 (Amended) Corr: 70 FR 38740

§ 73.23 Arizona (AZ)

R-2301E Ajo East, AZ
Boundaries. Beginning at lat. 32°50'25"N., long. 112°49'03"W.; thence to lat. 32°11'30"N., long. 112°56'48"W.; to lat. 32°11'30"N., long. 113°05'33"W.; to lat. 31°58'00"N., long. 113°05'33"W.; along the United States-Mexican border to the intersection of the United States-Mexican border and long. 113°30'33"W.; to lat. 32°44'15"N., long. 113°41'08"W.; to lat. 32°45'50"N., long. 113°34'33"W.; to the point of beginning.
Designated altitudes. Surface to FL 800.
Time of designation. Daily, 0630-2400 local time, other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. U.S. Air Force, 56th Fighter Wing, Luke AFB, AZ.

AMENDMENTS 02/19/04 68 FR 64525 (Amended)

R-2301W Ajo West, AZ
Boundaries. Beginning at the intersection of the United States-Mexican Border and long. 113°30'33"W.; thence along the United States-Mexican Border to lat. 32°23'45"N., long. 114°28'33"W.; to lat. 32°30'00"N., long. 114°28'33"W.; to lat. 32°30'00"N., long. 114°31'03"W.; to lat. 32°35'00"N., long. 114°31'03"W.; to lat. 32°35'00"N., long. 114°28'33"W.; to lat. 32°39'40"N., long. 114°28'33"W.; to lat. 32°40'45"N., long. 114°18'32"W.; thence along the Southern Pacific Railroad and U.S. Highway to lat. 32°44'15"N., long. 113°41'08"W.; to the point of beginning; excluding that airspace below 3,000 feet MSL, N of a line beginning at lat. 32°40'45"N., long. 114°18'32"W.; to lat. 32°37'40"N., long. 114°12'43"W.; to lat. 32°37'40"N., long. 114°09'03"W.; to lat. 32°42'30"N., long. 113°45'03"W.; to lat. 32°44'15"N., long. 113°41'08"W.
Designated altitudes. Surface to FL 800.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. Commanding Officer, USMC Air Station, Yuma, AZ.

AMENDMENTS 01/23/03 67 FR 67788 (Amended)

R-2302 Flagstaff, AZ
Boundaries. A circular area with a 6,600-foot radius centered at lat. 35°10'20"N., long. 111°51'19"W.
Designated altitudes. Surface to 10,000 feet MSL.
Time of designation. Intermittent by NOTAM only, 4 hours in advance, between 0800 to 2400 MST, Monday-Saturday.
Controlling agency. FAA, Phoenix TRACON.
Using agency. U.S. Army, Commander, Navajo Ordnance Depot, Flagstaff, AZ.

AMENDMENT 09/13/18 83 FR 30033 (Amended)

R-2303A Fort Huachuca, AZ
Boundaries. Beginning at lat. 31°40'40"N., long. 110°11'02"W.; to lat. 31°34'00"N., long. 110°08'32"W.; to lat. 31°34'00"N., long. 110°22'02"W.; to lat. 31°33'00"N., long.110°23'02"W.; to lat. 31°29'00"N., long. 110°23'02"W.; to lat. 31°29'00"N., long. 110°41'32"W.; to lat. 31°34'00"N., long. 110°43'32"W.; to lat. 31°38'30"N., long. 110°42'02"W.; to lat. 31°38'30"N., long. 110°39'32"W.; to lat. 31°41'00"N., long. 110°33'32"W.; to lat. 31°41'00"N., long. 110°12'02"W.; to the point of beginning.
Designated altitudes. Surface to 15,000 feet MSL, excluding the airspace from the surface to 7,000 feet MSL within a 3-nautical-mile radius of the Fort Huachuca/Libby AAF/Sierra Vista Municipal Airport, AZ, and excluding the airspace from the surface to 7,000 feet MSL within 1-nautical-mile either side of U. S. Highway 90.
Time of designation. Monday-Friday, 0700-1700 local time; other times by NOTAM at least 24 hours in advance.

Controlling agency. FAA, Albuquerque ARTCC.
Using agency. U.S. Army Intelligence Center, Fort Huachuca, AZ.

AMENDMENTS 09/04/03 68 FR 25495 (Amended)

R-2303B Fort Huachuca, AZ
Boundaries. Beginning at lat. 31°45'00"N., long. 110°20'02"W.; to lat. 31°41'00"N., long. 110°12'02"W.; to lat. 31°40'40"N., long. 110°11'02"W.; to lat. 31°34'00"N., long.110°08'32"W.; to lat. 31°34'00"N., long. 110°22'02"W.; to lat. 31°33'00"N., long.110°23'02"W.; to lat. 31°29'00"N., long. 110°23'02"W.; to lat. 31°29'00"N., long. 110°25'02"W.; to lat. 31°24'00"N., long. 110°25'02"W.; to lat. 31°24'00"N., long. 110°45'02"W.; to lat. 31°45'00"N., long. 110°45'52"W.; to the point of beginning.
Designated altitudes. 8,000 feet MSL to FL 300, excluding that airspace within R-2303A when activated.
Time of designation. Monday-Friday, 0700-1700 local time; other times by NOTAM at least 24 hours in advance.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. U.S. Army Intelligence Center, Fort Huachuca, AZ.

AMENDMENTS 09/04/03 68 FR 25495 (Amended)

R-2303C Fort Huachuca, AZ
Boundaries. Beginning at lat. 31°35'00"N., long. 110°00'02"W.; to lat. 31°24'00"N., long. 110°00'02"W.; to lat. 31°24'00"N., long. 110°25'02"W.; to lat. 31°29'00"N., long.110°25'02"W.; to lat. 31°29'00"N., long. 110°23'02"W.; to lat. 31°33'00"N., long. 110°23'02"W.; to lat. 31°34'00"N., long. 110°22'02"W.; to lat. 31°34'00"N., long. 110°08'32"W.; to lat. 31°40'40"N., long. 110°11'02"W.; to the point of beginning.
Designated altitudes. 15,000 feet MSL to FL 300.
Time of designation. Intermittent by NOTAM at least 24 hours in advance.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. U.S. Army Intelligence Center, Fort Huachuca, AZ.

AMENDMENTS 09/14/95 60 FR 37329 (Added)

R-2304 Gila Bend, AZ
Boundaries. Beginning at lat. 32°38'30"N., long. 112°18'03"W.; to lat. 32°26'40"N., long. 112°18'03"W.; to lat. 32°26'40"N., long. 112°43'33"W.; to lat. 32°49'00"N., long. 112°39'03"W.; to the point of beginning.
Designated altitudes. Surface to FL 240.

Time of designation. Monday – Saturday, 0630-2400 local time, other times by NOTAM.
Controlling agency. FAA, Albuquerque Center.
Using agency. U.S. Air Force, 56th Fighter Wing, Luke AFB, AZ.

AMENDMENTS 02/19/04 68 FR 64525 (Amended)

R-2305 Gila Bend, AZ
Boundaries. Beginning at lat. 32°50'25"N., long. 112°49'03"W.; to lat. 32°50'52"N., long. 112°42'56"W.; to lat. 32°49'00"N., long. 112°39'03"W.; to lat. 32°29'00"N., long. 112°43'03"W.; to lat. 32°29'00"N., long. 112°53'33"W.; to the point of beginning.
Designated altitudes. Surface to FL 240.
Time of designation. Monday – Saturday, 0630-2400 local time, other times by NOTAM.
Controlling agency. FAA, Albuquerque Center.
Using agency. U.S. Air Force, 56th Fighter Wing, Luke AFB, AZ.

AMENDMENTS 02/19/04 68 FR 64525 (Amended)

R-2306A Yuma West, AZ
Boundaries. Beginning at lat. 33°00'00"N., long. 114°30'03"W.; to lat. 33°02'48"N., long. 114°30'03"W.; to lat. 33°02'48"N., long. 114°34'03"W.; to lat. 33°15'00"N., long. 114°34'40"W.; to lat. 33°15'00"N., long. 114°15'03"W.; thence south along Highway 95; to lat. 33°00'00"N., long. 114°17'03"W.; to the point of beginning.
Designated altitudes. Surface to 80,000 feet MSL.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. U.S. Army, Commanding Officer, Yuma Proving Ground, Yuma, AZ.

AMENDMENTS 03/08/90 55 FR 610 (Amended) Corr: 55 FR 5981

R-2306B Yuma West, AZ
Boundaries. Beginning at lat. 33°28'00"N., long. 114°28'03"W.; to lat. 33°28'00"N., long. 114°26'28"W.; to lat. 33°25'15"N., long. 114°13'03"W.; thence south along Highway 95 to lat. 33°15'00"N., long. 114°15'03"W.; to lat. 33°15'00"N., long. 114°30'03"W.; to lat. 33°26'00"N., long. 114'30'03"W.; to the point of beginning.
Designated altitudes. Surface to 80,000 feet MSL.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. Commanding Officer, Yuma Proving Ground, Yuma, AZ.

AMENDMENTS 01/14/88 52 FR 38752 (Amended)

R-2306C Yuma West, AZ
Boundaries. Beginning at lat. 33°15'00"N., long. 114°34'40"W.; to lat. 33°23'00"N., long. 114°34'40"W.; to lat. 33°26'00"N., long. 114°30'03"W.; to lat. 33°15'00"N., long. 114°30'03"W.; to the point of beginning.
Designated altitude. Surface to 40,000 feet MSL.
Times of use. 0600 to 2200 daily local time, other times by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. Commanding Officer, Yuma Proving Ground, Yuma, AZ.

AMENDMENTS 11/25/04 69 FR 53795 (Amended) Corr: 69 FR 53796

R-2306D Yuma North, AZ
Boundaries. Beginning at lat. 33°28'00"N., long. 114°26'28"W.; to lat. 33°28'00"N., long. 114°13'03"W.; thence south along Highway 95 to lat. 33°25'15"N., long. 114°13'03"W.; to the point of beginning.
Designated altitudes. Surface to FL 230.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC
Using agency. U.S. Army, Yuma Proving Grounds, Yuma, AZ.

AMENDMENTS 01/14/88 52 FR 38752 (Added)

R-2306E Yuma West, AZ
Boundaries. Beginning at lat. 33°00'00"N., long. 114°30'03"W.; to lat. 33°00'00"N., long. 114°17'03"W.; thence south along Highway 95; to lat. 32°52'30"N., long. 114°21'03"W.; to lat. 32°51'45"N., long. 114°27'53"W.; thence north along the west bank of the Colorado River to the point of beginning.
Designated altitudes. Surface to 80,000 feet MSL.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. U.S. Army, Commanding Officer, Yuma Proving Ground, Yuma, AZ.

AMENDMENTS 03/08/90 55 FR 610 (Added) Corr: 55 FR 5981

R-2306F Yuma West, AZ
Boundaries. Beginning at latitude 32°51'52"N., longitude 114°26'52"W.; to latitude 32°52'30"N., longitude 114°21'03"W.; to latitude 32°51'15"N., longitude 114°21'03"W.; to latitude 32°51'19"N., longitude 114°19'29"W.; then clockwise along a 3.5 NM arc centered at latitude 32°51'53"N., longitude 114°23'35"W.; to latitude 32°49'30"N., longitude 114°26'38"W.; to latitude 32°49'51"N., longitude 114°26'38"W.; to latitude 32°50'08"N., longitude 114°26'33"W.; to latitude 32°50'17"N., longitude 114°26'19"W.; to latitude 32°50'31"N., longitude 114°26'17"W.; to latitude 32°50'42"N., longitude 114°26'29"W.; to latitude 32°51'11"N., longitude 114°26'34"W.; to the point of beginning.

Designated altitudes. Surface to and including 1,700 feet MSL.
Time of Designation. Intermittent, 0600-1800 local time, Monday-Saturday; other times by NOTAM.
Controlling Agency. Yuma Approach Control, MCAS Yuma, AZ.
Using Agency. U.S. Army, Commanding Officer, Yuma Proving Ground, Yuma, AZ.

AMENDMENTS 12/07/17 82 FR 44721 (Added)

R-2307 Yuma, AZ
Boundaries. Beginning at lat. 33°00'00"N., long. 114°17'03"W.; to lat. 33°00'00"N., long. 114°11'03"W.; to lat. 33°02'00"N., long. 113°56'33"W.; to lat. 33°02'00"N., long. 113°37'23"W.; to lat. 32°58'00"N., long. 113°37'23"W.; to lat. 32°52'50"N., long. 113°50'13"W.; to lat. 32°52'00"N., long. 114°00'03"W.; to lat. 32°51'15"N., long. 114°21'03"W.; to lat. 32°52'30"N., long. 114°21'03"W.; thence north along Highway 95 to the point of beginning, excluding R-2309.
Designated altitudes. Unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. Commanding Officer, Yuma Proving Ground, Yuma, AZ.

AMENDMENTS 03/08/90 55 FR 610 (Amended)

R-2308A Yuma East, AZ
Boundaries. Beginning at lat. 33°25'15"N., long. 114°13'03"W.; to lat. 33°20'11"N., long. 113°47'45"W.; to lat. 33°17'30"N., long. 113°39'07"W.; to lat. 33°17'30"N., long. 113°45'03"W.; to lat. 33°02'00"N., long. 113°45'03"W.; to lat. 33°02'00"N., long. 113°56'33"W.; to lat. 33°00'00"N., long. 114°11'03"W.; to lat. 33°00'00"N., long. 114°17'03"W.; thence north along Highway 95 to the point of beginning, excluding R-2309.
Designated altitudes. 1,500 feet AGL to 80,000 feet MSL.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. Commanding Officer, Yuma Proving Ground, Yuma, AZ.

AMENDMENTS 03/08/90 55 FR 610 (Amended)

R-2308B Yuma East, AZ
Boundaries. Beginning at lat. 33°02'00"N., long. 113°45'03"W.; to lat. 33°17'30"N., long. 113°45'03"W.; to lat. 33°17'30"N., long. 113°39'07"W.; to lat. 33°02'00"N., long. 113°39'07"W.; to the point of beginning.
Designated altitudes. Surface to 80,000 feet MSL.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. Commanding Officer, Yuma Proving Ground, Yuma, AZ.

R-2308C Yuma North, AZ
Boundaries. Beginning at lat. 33°28'00"N., long. 114°13'03"W.; to lat. 33°20'11"N., long. 113°47'45"W.; to lat. 33°25'15"N., long. 114°13'03"W.; thence north along Highway 95 to the point of beginning.
Designated altitudes. 1,500 feet AGL to FL 230.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. U.S. Army, Yuma Proving Grounds, Yuma, AZ.

AMENDMENTS 01/14/88 52 FR 38752 (Added)

R-2309 Yuma, AZ
Boundaries. A circular area 1 1/2 nautical miles in a radius centered at lat. 33°00'58"N., long. 114°14'34"W.
Designated altitudes. Surface to 15,000 feet MSL.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. U.S. Customs and Border Protection, Air and Marine Operations Center (AMOC), Riverside, CA.

AMENDMENTS 12/12/13 78 FR 63869 (Amended)

R-2310A Florence, AZ
Boundaries. Beginning at lat. 33°14'07"N., long. 111°17'46"W.; to lat. 33°14'07"N., long. 111°14'54"W.; to lat. 33°04'45"N., long. 111°19'32"W.; to lat. 33°03'40"N., long. 111°22'42"W.; to lat. 33°09'41"N., long. 111°21'17"W.; to the point of beginning.
Designated altitudes. Surface to 10,000 feet MSL.
Time of designation. Intermittent by NOTAM at least 48 hours in advance.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Arizona Army National Guard.

R-2310B Florence, AZ
Boundaries. Beginning at lat. 33°12'20"N., long. 111°19'11"W.; to lat. 33°12'20"N., long. 111°15'47"W.; to lat. 33°06'42"N., long. 111°18'34"W.; to lat. 33°06'42"N., long. 111°21'59"W.; to lat. 33°09'41"N., long. 111°21'17"W.; to the point of beginning.
Designated altitudes. 10,000 feet MSL to 17,000 feet MSL.
Time of designation. Intermittent by NOTAM at least 48 hours in advance.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Arizona Army National Guard.

R-2310C Florence, AZ
Boundaries. Beginning at lat. 33°11'15"N., long. 111°20'02"W.; to lat. 33°11'15"N., long. 111°16'19"W.; to lat. 33°06'42"N., long. 111°18'34"W.; to lat. 33°06'42"N., long. 111°21'59"W.; to lat. 33°09'41"N., long. 111°21'17"W.; to the point of beginning.
Designated altitudes. 17,000 feet MSL to 35,000 feet MSL.
Time of designation. Intermittent by NOTAM at least 48 hours in advance.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Arizona Army National Guard.

R-2311 Yuma, AZ
Boundaries. Beginning at lat. 32°46'48"N., long. 114°19'16"W.; to lat. 32°51'20"N., long. 114°19'04"W.; to lat. 32°51'53"N., long. 114°03'40"W.; to lat. 32°46'48"N., long. 114°03'51"W.; to the point of beginning.
Altitudes. Surface to 3,500 feet MSL.
Time of designation. Sunrise to sunset, Monday through Saturday; other times by NOTAM.
Controlling Agency. Yuma Approach Control (MCAS), Yuma, AZ.
Using Agency. Commanding Officer, Yuma Proving Ground, Yuma, AZ.

AMENDMENTS 07/17/97 62 FR 23345 (Added)

R-2312 Fort Huachuca, AZ
Boundaries. A 2-mile radius circle centered at lat. 31°29'07"N., long. 110°17'47"W.
Designated altitudes. Surface to but not including 15,000 feet MSL.
Times of designation. Continuous.
Controlling agency. Albuquerque ARTCC.
Using agency. U.S. Customs and Border Protection, Air and Marine Operations Center (AMOC), Riverside, CA.

AMENDMENTS 12/12/13 78 FR 63869 (Amended)

§ 73.24 Arkansas (AR)

R-2401A Fort Chaffee, AR
Boundaries. Beginning at lat. 35°18'17"N., long. 94°12'01"W.; to lat. 35°17'45"N., long. 94°15'36"W.; to lat. 35°15'35"N., long. 94°18'01"W.; to lat. 35°13'50"N., long. 94°15'01"W.; to lat. 35°13'50"N., long. 94°12'01"W.; to the point of beginning.
Designated altitudes. Surface to and including 30,000 feet MSL.
Time of designation. Sunrise to sunset, Monday through Sunday; other times by NOTAM.
Controlling agency. FAA, Memphis ARTCC.
Using agency. U. S. Army, Commanding General, Fort Chaffee, AR.

AMENDMENTS 01/11/90 54 FR 48083 (Added)

R-2401B Fort Chaffee, AR
Boundaries. Beginning at lat. 35°17'45"N., long. 94°15'36"W.; to lat. 35°17'37"N., long. 94°17'24"W.; to lat. 35°16'06"N., long. 94°19'04"W.; to lat. 35°15'35"N., long. 94°18'01"W.; to the point of beginning.
Designated altitudes. Surface to and including 30,000 feet MSL.
Time of designation. Sunrise to sunset, Monday through Sunday; other times by NOTAM.
Controlling agency. FAA, Memphis ARTCC.
Using agency. U. S. Army, Commanding General, Fort Chaffee, AR.

AMENDMENTS 01/11/90 54 FR 48083 (Added)

R-2402A Fort Chaffee, AR
Boundaries. Beginning at lat. 35°17'49"N., long. 94°03'01"W.; to lat. 35°17'00"N., long. 94°03'01"W.; to lat. 35°17'00"N., long. 94°01'01"W.; to lat. 35°10'05"N., long. 94°01'01"W.; thence west along Arkansas State Highway No. 10 to lat. 35°11'35"N., long. 94°12'01"W. to lat. 35°13'50"N., long. 94°12'01"W.; to lat. 35°18'10"N., long. 94°12'01"W.; to lat. 35°18'10"N., long. 94°09'54"W.; thence east along Arkansas State Highway No. 22 to the point of beginning.
Designated altitudes. Surface to and including 30,000 feet MSL.
Time of designation. Sunrise to sunset, daily; other times by NOTAM.
Controlling agency. FAA, Memphis ARTCC.
Using agency. Commanding General, Fort Chaffee, AR.

AMENDMENTS 11/18/10 75 FR 44720 (Added) Corr: 75 FR 65229

R-2402B Fort Chaffee, AR
Boundaries. Beginning at lat. 35°18'22"N., long. 93°55'38"W.; thence clockwise along a 7-NM radius circle centered at lat. 35°15'26"N., long. 94°03'24"W.; to lat. 35°10'42"N., long. 94°09'43"W.; thence east along Arkansas State Highway 10 to lat. 35°10'05"N., long. 94°01'01"W.; to lat. 35°17'00"N., long. 94°01'01"W.; to lat. 35°17'00"N., long. 94°03'01"W.; to lat. 35°17'49"N., long. 94°03'01"W.; thence east along Arkansas State Highway 22 to the point of beginning.
Designated altitudes. 10,000 feet MSL to, but not including, FL 220.
Time of designation. Sunrise to sunset, daily; other times by NOTAM.
Controlling agency. FAA, Memphis ARTCC.
Using agency. Arkansas Air National Guard, 188th Fighter Wing, Fort Smith, AR.

AMENDMENTS 11/18/10 75 FR 44720 (Added) Corr: 75 FR 65229

R-2402C Fort Chaffee, AR
Boundaries. Beginning at lat. 35°21'48"N., long. 94°06'59"W.; thence clockwise along a 7-NM radius circle centered at lat. 35°15'26"N., long. 94°03'24"W.; to lat. 35°18'22"N., long. 93°55'38"W.; thence west along Arkansas State Highway 22 to lat. 35°18'10"N., long. 94°09'54"W.; to the point of beginning.

Designated altitudes. 13,000 feet MSL to, but not including, FL 220.
Time of designation. Sunrise to sunset, daily; other times by NOTAM.
Controlling agency. FAA, Memphis ARTCC.
Using agency. Arkansas Air National Guard, 188th Fighter Wing, Fort Smith, AR.

AMENDMENTS 11/18/10 75 FR 44720 (Added) Corr: 75 FR 65229

R-2403A Little Rock, AR
Boundaries. Beginning at lat. 34°57'00"N., long. 92°16'01"W.; to lat. 34°54'33"N., long. 92°16'01"W.; to lat. 34°54'33"N., long. 92°19'31"W.; to lat. 34°57'00"N., long. 92°19'31"W.; to the point of beginning.
Designated altitudes. Surface to 16,000 feet MSL.
Time of designation. By NOTAM 24 hours in advance.
Controlling agency. FAA, Memphis ARTCC.
Using agency. Arkansas Army National Guard.

AMENDMENTS 02/02/95 59 FR 59134 (Amended)

R-2403B Little Rock, AR
Boundaries. Beginning at lat. 34°54'33"N., long. 92°15'01"W.; to lat. 34°51'45"N., long. 92°15'01"W.; to lat. 34°51'45"N., long. 92°19'31"W.; to lat. 34°54'33"N., long. 92°19'31"W.; to the point of beginning.
Designated altitudes. Surface to 16,000 feet MSL.
Time of designation. By NOTAM 24 hours in advance.
Controlling agency. FAA, Memphis ARTCC.
Using agency. Arkansas Army National Guard.

AMENDMENTS 02/02/95 59 FR 59134 (Amended)

§ 73.25 California (CA)

R-2501A Bullion Mountains, CA
Boundaries. Beginning at lat. 34°43'00"N., long. 116°26'23"W.; to lat. 34°43'00"N., long. 116°17'03"W.; to lat. 34°39'24"N., long. 116°29'19"W.; to lat. 34°40'30"N., long. 116°29'43"W.; to the point of beginning.
Designated altitudes. Unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. Commanding General Marine Corps Base, Twentynine Palms, CA.

AMENDMENT 05/24/18 83 FR 12113 (Added)

R-2501B Bullion Mountains, CA
Boundaries. Beginning at lat. 34°39'24"N., long. 116°29'19"W.; to lat. 34°43'00"N., long. 116°17'03"W.; to lat. 34°41'15"N., long. 116°04'33"W.; to lat. 34°41'00"N., long.116°03'03"W.; to lat. 34°31'30"N., long. 116°26'48"W.; to lat. 34°36'00"N., long. 116°28'03"W.; to the point of beginning.
Designated altitudes. Unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. Commanding General, Marine Corps Base, Twentynine Palms, CA.

AMENDMENT 05/24/18 83 FR 12113 (Added)

R-2501C Bullion Mountains, CA
Boundaries. Beginning at lat. 34°31'30"N., long. 116°26'48"W.; to lat. 34°41'00"N., long. 116°03'03"W.; to lat. 34°35'30"N., long. 115°58'03"W.; to lat. 34°34'40"N., long.115°54'58"W.; to lat. 34°33'41"N., long. 115°50'24"W.; to lat. 34°21'35"N., long. 116°21'38"W.; to lat. 34°30'00"N., long. 116°26'23"W.; to the point of beginning.
Designated altitudes. Unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. Commanding General, Marine Corps Base, Twentynine Palms, CA.

AMENDMENT 05/24/18 83 FR 12113 (Added)

R-2501D Bullion Mountains, CA
Boundaries. Beginning at lat. 34°21'35"N., long. 116°21'38"W.; to lat. 34°33'41"N., long. 115°50'24"W.; to lat. 34°33'00"N., long. 115°47'03"W.; to lat. 34°25'00"N., long.115°47'03"W.; to lat. 34°25'00"N., long. 115°44'03"W.; to lat. 34°17'00"N., long. 115°44'03"W.; to lat. 34°14'01"N., long. 115°59'00"W.; to lat. 34°14'00"N., long. 116°17'03"W.; to lat. 34°19'30"N., long. 116°20'29"W.; to the point of beginning.
Designated altitudes. Unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. Commanding General, Marine Corps Base, Twentynine Palms, CA.

AMENDMENT 05/24/18 83 FR 12113 (Added)

R-2501E Bullion Mountains, CA
Boundaries. Beginning at lat. 34°17'00"N., long. 115°44'03"W.; to lat. 34°14'00"N., long. 115°44'03"W.; to lat. 34°14'01"N., long. 115°59'00"W.; to the point of beginning.
Designated altitudes. Unlimited.

Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. Commanding General, Marine Corps Base, Twentynine Palms, CA.

AMENDMENT 05/24/18 83 FR 12113 (Added)

R-2502A Fort Irwin, CA
Boundaries. Beginning at lat. 35°25’48”N., long. 116°18’48”W.; to lat. 35°25’30”N., long. 116°09’46”W.; to lat. 35°23’15”N., long. 116°09’47”W.; to lat. 35°06’54”N., long. 116°30’17”W.; to lat. 35°07’00”N., long. 116°34’03”W.; to lat. 35°18’45”N., long. 116°18’48”W. to point of beginning.
Designated altitudes. Surface to 16,000 feet MSL.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. Commander, Fort Irwin, CA.

AMENDMENTS 07/29/10 75 FR 28756 (Amended)

R-2502E Fort Irwin, CA
Boundaries. Beginning at lat. 35°28'35"N., long. 116°18'48"W.; to lat. 35°18'45"N., long. 116°18'48"W.; to lat. 35°07'00"N., long. 116°34'03"W.; to lat. 35°07'00"N., long.116°47'48"W.; to lat. 35°08'50"N., long. 116°48'43"W.; to lat. 35°10'25"N., long. 116°42'18"W.; to the point of beginning.
Designated altitudes. Unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. Commander, Fort Irwin, CA.

AMENDMENTS 07/26/12 77 FR 30884 (Amended)

R-2502N Fort Irwin, CA
Boundaries. Beginning at lat. 35°37'45"N., long. 116°29'43"W.; to lat. 35°34'30"N., long. 116°29'43"W.; to lat. 35°34'30"N., long. 116°23'33"W.; to lat. 35°28'35"N., long.116°18'48"W.; to lat. 35°10'25"N., long. 116°42'18"W.; to lat. 35°08'50"N., long. 116°48'43"W.; to lat. 35°10'00"N., long. 116°49'03"W.; to lat. 35°19'00"N., long. 116°49'03"W.; to lat. 35°19'00"N., long. 116°55'23"W.; to lat. 35°37'45"N., long. 116°55'23"W.; to the point of beginning.
Designated altitudes. Unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Joshua Control Facility, Edwards AFB, CA.
Using agency. Commander, Fort Irwin, CA.

AMENDMENTS 01/08/15 79 FR 59646 (Amended)

R-2503A Camp Pendleton, CA
Boundaries. Beginning at lat. 33°22'42"N., long. 117°36'45"W.; to lat. 33°27'13"N., long. 117°34'17"W.; to lat. 33°18'41"N., long. 117°23'58"W.; to lat. 33°17'30"N., long.117°16'43"W.; to lat. 33°14'09"N., long. 117°26'38"W.; to the point of beginning by following a line 1 NM from and parallel to the shoreline.
Designated altitudes. Surface to 2,000 feet MSL.
Time of designation. 0600-2400 local time daily; other times by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. U.S. Marine Corps, Commanding General, MCB Camp Pendleton, CA.

AMENDMENTS 10/13/94 59 FR 46169 (Added)

R-2503B Camp Pendleton, CA
Boundaries. Beginning at lat. 33°24'23"N., long. 117°15'18"W.; to lat. 33°18'00"N., long. 117°16'11"W.; to lat. 33°17'30"N., long. 117°16'43"W.; to lat. 33°18'41"N., long.117°23'58"W.; to lat. 33°27'13"N., long. 117°34'17"W.; to lat. 33°30'13"N., long.117°29'16"W.; to the point of beginning.
Designated altitudes. Surface to 15,000 feet MSL.
Time of designation. 0600-2400 local time daily; other times by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. U.S. Marine Corps, Commanding General, MCB Camp Pendleton, CA.

AMENDMENTS 10/13/94 59 FR 46169 (Added)

R-2503C Camp Pendleton, CA
Boundaries. Beginning at lat. 33°24'23"N., long. 117°15'18"W.; to lat. 33°18'41"N., long. 117°23'58"W.; to lat. 33°27'13"N., long. 117°34'17"W.; to lat. 33°30'13"N., long.117°29'16"W.; to the point of beginning.
Designated altitudes. 15,000 feet MSL to FL 270.
Time of designation. Intermittent by NOTAM at least 24 hours in advance, and with the concurrence of the controlling agency, not to exceed 40 hours annually.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. U.S. Marine Corps, Commanding General, MCB Camp Pendleton, CA.

AMENDMENTS 10/13/94 59 FR 46169 (Added)

R-2503D Camp Pendleton, CA
Boundaries. Beginning at lat. 33°22'42"N.; long. 117°36'45"W.; to lat. 33°27'13"N.; long. 117°34'17"W.; to lat. 33°18'41"N.; long. 117°23'58"W.; to lat. 33°17'30"N.; long. 117°16'43"W.; to lat. 33°14'09"N.; long. 117°26'38"W.; to the point of the beginning by following a line 1 NM from and parallel to the shoreline.
Designated altitudes. 2,000 feet MSL to 11,000 feet MSL.
Time of designation. Intermittent by NOTAM 24 hours in advance not to exceed 20 days

per year from 0600 to 2400 local time and not more than 90 days per year between 0001 and 0600 local.
Controlling agency. FAA, Southern California TRACON.
Using agency. U.S. Marine Corps, Commanding General, MCB Camp Pendleton, CA.

AMENDMENTS 11/25/04 69 FR 53796 (Added)

R-2504A Camp Roberts, CA
Boundaries. Beginning at lat. 35°42'18"N., long. 120°47'59"W.; to lat. 35°42'18"N., long. 120°47'24"W.; to lat. 35°42'58"N., long. 120°45'37"W.; to lat. 35°46'38"N., long. 120°44'42"W.; to lat. 35°47'18"N., long. 120°44'49"W.; to lat. 35°47'54"N., long. 120°45'53"W.; to lat. 35°49'10"N., long. 120°45'44"W.; to lat. 35°51'00"N., long. 120°46'29"W.; to lat. 35°51'11"N., long. 120°47'59"W.; to lat. 35°48'50"N., long. 120°50'02"W.; to lat. 35°46'00"N., long. 120°49'59"W.; to lat. 35°44'03"N., long. 120°48'12"W.; to lat. 35°43'08"N., long. 120°49'04"W.; to lat. 35°42'44"N., long. 120°48'52"W.; to the point of beginning.
Designated altitudes. Surface to but not including 6,000 feet MSL.
Time of designation. 0600 to 2400 local time, daily.
Controlling agency. FAA, Oakland ARTCC.
Using agency. Commander, Camp Roberts, CA.

AMENDMENTS 10/17/13 78 FR 40958 (Amended)

R-2504B Camp Roberts, CA
Boundaries. Beginning at lat. 35°42'18"N., long. 120°47'59"W.; to lat. 35°42'18"N., long. 120°47'24"W.; to lat. 35°42'58"N., long. 120°45'37"W.; to lat. 35°46'38"N., long. 120°44'42"W.; to lat. 35°47'18"N., long. 120°44'49"W.; to lat. 35°47'54"N., long. 120°45'53"W.; to lat. 35°49'10"N., long. 120°45'44"W.; to lat. 35°51'00"N., long. 120°46'29"W.; to lat. 35°51'11"N., long. 120°47'59"W.; to lat. 35°48'50"N., long. 120°50'02"W.; to lat. 35°46'00"N., long. 120°49'59"W.; to lat. 35°44'03"N., long. 120°48'12"W.; to lat. 35°43'08"N., long. 120°49'04"W.; to lat. 35°42'44"N., long. 120°48'52"W.; to the point of beginning.
Designated altitudes. 6,000 feet MSL to 15,000 feet MSL.
Time of designation. 0600 to 2400 local time, daily.
Controlling agency. FAA, Oakland ARTCC.
Using agency. Commander, Camp Roberts, CA.

AMENDMENTS 10/17/13 78 FR 40958 (Amended)

R-2505 China Lake, CA
Boundaries. Beginning at lat. 36°14'00"N., long. 117°53'03"W.; to lat. 36°14'00"N., long. 117°25'03"W.; to lat. 35°40'30"N., long. 117°25'03"W.; to lat. 35°37'30"N., long. 117°35'33"W.; to lat. 35°37'30"N., long. 117°47'33"W.; to lat. 35°54'00"N., long. 117°53'03"W.; to the point of beginning.
Designated altitudes. Unlimited.

Time of designation. Continuous.
Controlling agency. FAA, Joshua Control Facility, Edwards AFB, CA.
Using agency. U.S. Navy, Naval Air Warfare Center Weapons Division, China Lake, CA.

AMENDMENTS 01/08/15 79 FR 59646 (Amended)

R-2506 China Lake South, CA
Boundaries. Beginning at lat. 35°37'30"N., long. 117°41'23"W.; to lat. 35°28'00"N., long. 117°40'53"W.; to lat. 35°28'00"N., long. 117°47'03"W.; to lat. 35°37'30"N., long. 117°47'33"W.; to the point of beginning.
Designated altitudes. Surface to 6,000 feet MSL.
Time of designation. Sunrise to sunset, Monday-Friday.
Controlling agency. FAA, Joshua Control Facility, Edwards AFB, CA.
Using agency. U.S. Navy, Naval Air Warfare Center Weapons Division, China Lake, CA.

AMENDMENTS 01/08/15 79 FR 59646 (Amended)

R-2507E Chocolate Mountains, CA
Boundaries. Beginning at lat. 33°17'06"N., long. 115°04'35"W., to lat. 33°14'26"N., long. 114°59'00"W., to lat. 33°14'26"N., long. 114°56'35"W., to lat. 33°10'21"N., long. 114°56'26"W., to lat. 33°08'45"N., long. 114°56'43"W.
Designated altitudes. Surface to FL 400.
Time of designation. 0700-2300 local daily; other times by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. Commanding Officer, USMC Air Station, Yuma, AZ.

AMENDMENTS 04/13/06 71 FR 2146 (Added)

R-2507N North Chocolate Mountains, CA
Boundaries. Beginning at lat. 33°32'40"N., long. 115°33'53"W.; to lat. 33°31'30"N., long. 115°32'03"W.; to lat. 33°31'15"N., long. 115°26'48"W.; to lat. 33°29'00"N., long.115°20'03"W.; to lat. 33°25'50"N., long. 115°14'33"W.; to lat. 33°24'15"N., long. 115°17'03"W.; to lat. 33°23'00"N., long. 115°14'33"W.; to lat. 33°14'00"N., long. 115°22'33"W.; to lat. 33°21'30"N., long. 115°32'58"W.; to lat. 33°23'40"N., long. 115°33'23"W.; to lat. 33°28'30"N., long. 115°42'13"W.; to the point of beginning.
Designated altitudes. Surface to FL 400.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. Commanding Officer, U. S. Marine Corps Air Station, Yuma, AZ.

R-2507W West Chocolate Mountains, CA
Boundaries. Beginning at lat. 33°14'00"N., long. 115°22'33"W.; to lat. 33°13'14"N., long. 115°23'17"W.; to lat. 33°13'58"N., long. 115°24'26"W.; to lat. 33°14'22"N., long. 115°25'29"W.; to lat. 33°15'40"N., long. 115°27'36"W.; to lat. 33°17'28"N., long. 115°29'42"W.; to lat. 33°19'17"N., long. 115°32'13"W.; to lat. 33°21'11"N., long. 115°34'39"W.; to lat. 33°22'58"N., long. 115°38'19"W.; to lat. 33°27'26"N., long. 115°43'30"W.; to lat. 33°29'11"N., long. 115°45'49"W.; to lat. 33°29'36"N., long. 115°45'36"W.; to lat. 33°31'09"N., long. 115°41'12"W.; to lat. 33°32'50"N., long. 115°37'37"W.; to lat. 33°32'40"N., long. 115°33'53"W.; to lat. 33°28'30"N., long. 115°42'13"W.; to lat. 33°23'40"N., long. 115°33'23"W.; to lat. 33°21'30"N., long. 115°32'58"W.; thence to the point of beginning.
Designated altitudes. Surface to FL 230.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles Air Route Traffic Control Center (ARTCC).
Using agency. USMC, Commanding Officer, Marine Corps Air Station (MCAS) Yuma, AZ.

AMENDMENTS 06/22/17 82 FR 17936 (Added)

R-2507S South Chocolate Mountains, CA
Boundaries. Beginning at lat. 33°23'00"N., long. 115°14'33"W.; to lat. 33°21'40"N., long. 115°12'03"W.; to lat. 33°22'50"N., long. 115°10'01"W.; to lat. 33°08'45"N., long.114°56'43"W.; to lat. 33°01'00"N., long. 115°06'03"W.; to lat. 33°14'00"N., long. 115°22'33"W.; thence to the point of beginning.
Designated altitudes. Surface to FL 400.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. Commanding Officer, U. S. Marine Corps Air Station, Yuma, AZ.

R-2508 Complex, CA
Boundaries. Beginning at lat. 37°12'00"N., long. 117°20'03"W.; to lat. 35°34'00"N., long. 116°23'03"W.; to lat. 35°28'35"N., long. 116°18'48"W.; to lat. 35°18'45"N., long.116°18'48"W.; to lat. 35°07'00"N., long. 116°34'03"W.; to lat. 35°07'00"N., long. 116°47'48"W.; to lat. 35°08'50"N., long. 116°48'43"W.; to lat. 35°06'30"N., long. 116°58'43"W.; to lat. 34°53'30"N., long. 117°11'53"W.; to lat. 34°50'20"N., long. 117°32'03"W.; to lat. 34°48'30"N., long. 117°32'03"W.; to lat. 34°48'00"N., long. 117°35'03"W.; to lat. 34°48'00"N., long.118°01'03"W.; to lat. 34°49'40"N., long. 118°05'48"W.; to lat. 34°51'30"N., long. 118°05'48"W.; to lat. 34°56'00"N., long. 118°21'03"W.; to lat. 35°15'00"N., long. 118°35'03"W.; to lat. 37°12'00"N., long. 118°35'03"W.; to the point of beginning.
Designated altitudes. 20,000 feet MSL to unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Joshua Control Facility, Edwards AFB, CA.
Using agency. U.S. Navy, Naval Air Warfare Center Weapons Division, China Lake, CA.

AMENDMENTS 01/08/15 79 FR 59646 (Amended)

R-2510A El Centro, CA
Boundaries. Beginning at lat. 32°59'35"N., long. 115°43'33"W.; to lat. 32°55'35"N., long. 115°40'18"W.; to lat. 32°54'04"N., long. 115°40'18"W.; thence counterclockwise along a 4.3-NM mile radius circle centered at lat. 32°49'45"N., long. 115°40'18"W.; to lat. 32°50'05"N., long. 115°45'23"W.; to lat. 32°50'05"N., long. 115°55'03"W.; to lat. 32°55'50"N., long. 115°55'03"W.; to lat. 33°01'20"N., long. 116°02'18"W.; to lat. 33°06'35"N., long. 115°56'53"W.; to lat. 33°06'35"N., long. 115°51'15"W.; to the point of beginning.
Designated altitudes. Surface to 15,000 feet MSL.
Time of designation. 0700-2300 local time daily; other times by NOTAM at least 24 hours in advance.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. Commanding Officer, U.S. Navy Fleet Area Control and Surveillance Facility, San Diego, CA.

AMENDMENTS 04/07/10 75 FR 17561 (Amended)

R-2510B El Centro, CA
Boundaries. Beginning at lat. 32°55'35"N., long. 115°40'18"W.; to lat. 32°55'50"N., long. 115°55'03"W.; to lat. 33°01'20"N., long. 116°02'18"W.; to lat. 33°06'35"N., long.115°56'53"W.; to lat. 33°06'35"N., long. 115°51'15"W.; to lat. 32°59'35"N., long. 115°43'33"W.; to the point of beginning.
Designated altitudes. 15,000 feet MSL to FL 400.
Time of designation. By NOTAM 0700-2300 local time weekends, when activated at least 24 hours in advance.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. Commanding Officer, U.S. Navy Fleet Area Control and Surveillance Facility, San Diego, CA.

AMENDMENTS 12/22/05 70 FR 54837 (Amended)

R-2512 Holtville, CA
Boundaries. Beginning at lat. 33°05'00"N., long. 115°17'33"W.; to lat. 33°00'00"N., long. 115°13'33"W.; to lat. 32°51'00"N., long. 115°05'33"W.; to lat. 32°51'00"N., long.115°17'03"W.; to lat. 32°58'00"N., long. 115°17'33"W.; to lat. 33°05'00"N., long. 115°20'03"W.; to the point of beginning.
Designated altitudes. Surface to 23,000 feet MSL.
Time of designation. 0600-2300 local time daily; other times by NOTAM 24 hours in advance.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, San Diego, CA.

AMENDMENTS 12/10/92 57 FR 46980 (Amended)

R-2513 Hunter-Liggett, CA
Boundaries. From lat. 36°03'43"N., long. 121°22'42"W.; to lat. 36°02'45"N., long. 121°17'49"W.; to lat. 35°59'18"N., long. 121°13'34"W.; to lat. 35°56'45"N., long.121°09'49"W.; to lat. 35°55'20"N., long. 121°05'49"W.; to lat. 35°48'17"N., long. 121°10'57"W.; to lat. 35°51'02"N., long. 121°16'19"W.; to lat. 35°51'02"N., long. 121°17'24"W.; to lat. 35°58'10"N., long. 121°23'44"W.; to lat. 35°58'10"N., long. 121°21'44"W.; to lat. 36°02'12"N., long. 121°24'44"W.; to the point of beginning.
Designated altitudes. Surface to FL 240.
Time of designation. Continuous.
Controlling agency. FAA, Oakland ARTCC.
Using agency. Commander, Fort Hunter-Liggett, CA.

AMENDMENTS 05/22/97 62 FR 11768 (Amended)

R-2515 Muroc Lake, CA
Boundaries. Beginning at lat. 35°19'00"N., long. 116°49'03"W.; to lat. 35°10'00"N., long. 116°49'03"W.; to lat. 35°08'50"N., long. 116°48'43"W.; to lat. 35°06'30"N., long.116°58'43"W.; to lat. 34°53'30"N., long. 117°11'53"W.; to lat. 34°50'20"N., long. 117°32'03"W.; to lat. 34°48'30"N., long. 117°32'03"W.; to lat. 34°48'00"N., long. 117°35'03"W.; to lat. 34°48'00"N., long. 118°01'03"W.; to lat. 34°49'40"N., long. 118°05'48"W.; to lat. 35°01'00"N., long. 118°05'48"W.; to lat. 35°27'40"N., long. 117°26'03"W.; to lat. 35°15'56"N., long.117°26'03"W.; to lat. 35°15'56"N., long. 116°55'23"W.; to lat. 35°19'00"N., long. 116°55'23"W.; to the point of beginning.
Designated altitudes. Unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Joshua Control Facility, Edwards AFB, CA.
Using agency. Commander, 412 Test Wing (412 TW), Edwards AFB, CA.

AMENDMENTS 01/08/15 79 FR 59646 (Amended)

R-2516 Vandenberg AFB, CA
Boundaries. Beginning at lat. 35°00'06"N., long. 120°42'12"W.; to lat. 34°54'00"N., long. 120°33'04"W.; to lat. 34°50'00"N., long. 120°32'04"W.; to lat. 34°46'00"N., long. 120°27'04"W.; to lat. 34°42'00"N., long. 120°30'04"W.; to lat. 34°38'35"N., long. 120°31'24"W.; to lat. 34°42'00"N., long. 120°34'34"W.; to lat. 34°42'00"N., long. 120°40'01"W.; thence 3 NM from and parallel to the shoreline to the point of beginning.
Designated altitudes. Unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. U.S. Air Force, Commander, 30th Space Wing (30 SPW/CC),Vandenberg AFB, CA.

AMENDMENT 02/01/18 82 FR 51344 (Amended)

R-2517 Vandenberg AFB, CA
Boundaries. Beginning at lat. 34°42'00"N., long. 120°40'01"W.; to lat. 34°42'00"N., long. 120°34'34"W.; to lat. 34°38'35"N., long. 120°31'24"W.; to lat. 34°35'00"N., long. 120°32'04"W.; to lat. 34°25'00"N., long. 120°27'04"W.; to lat. 34°24'04"N., long. 120°29'51"W.; thence 3 NM from and parallel to the shoreline to the point of beginning.
Designated altitudes. Unlimited.
Time of designation. Continuous.
Using agency. U.S. Air Force, Commander, 30th Space Wing (30 SPW/CC), Vandenberg AFB, CA.

AMENDMENT 02/01/18 82 FR 51344 (Amended)

R-2519 Point Mugu, CA
Boundaries. Beginning at lat. 34°07'15"N., long. 119°07'43"W.; to lat. 34°06'55"N., long. 119°06'03"W.; to lat. 34°04'15"N., long. 119°03'43"W.; to lat. 34°02'15"N., long. 119°04'23"W.; thence 3 nautical miles from and parallel to the shoreline to lat. 34°05'30"N., long. 119°13'03"W.; to lat. 34°05'55"N., long. 119°11'18"W.; to lat. 34°07'08"N., long. 119°09'35"W.; to the point of beginning.
Designated altitudes. Unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. U.S. Navy, Commander, Naval Air Warfare Center Weapons Division, Point Mugu, CA.

AMENDMENTS 11/11/93 58 FR 45051 (Amended)

R-2524 Trona, CA
Boundaries. Beginning at lat. 35°47'46"N., long. 116°55'23"W.; to lat. 35°15'56"N., long. 116°55'23"W.; to lat. 35°15'56"N., long. 117°26'03"W.; to lat. 35°36'00"N., long.117°26'03"W.; to lat. 35°36'00"N., long. 117°16'55"W.; to lat. 35°47'46"N., long. 117°16'55"W.; to the point of beginning.
Designated altitudes. Unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Joshua Control Facility, Edwards AFB, CA.
Using agency. U.S. Navy, Naval Air Warfare Center Weapons Division, China Lake, CA.

AMENDMENTS 01/08/15 79 FR 59646 (Amended)

R-2531 Tracy, CA
Boundaries. Beginning at lat. 37°40'34"N., long. 121°33'46"W.; to lat. 37°40'45"N., long. 121°31'33"W.; to lat. 37°39'28"N., long. 121°30'32"W.; to lat. 37°38'50"N., long. 121°31'09"W.; to lat. 37°39'03"N., long. 121°34'07"W.; thence to the point of beginning.
Designated altitudes. Surface to but not including 4,000 feet MSL.

Time of designation. 1000 to 2050 local time, Monday-Friday and occasionally on Saturday and Sunday when activated by NOTAM at least 24 hours in advance.
Controlling agency. FAA Northern California, TRACON.
Using agency. Department of Energy, Oakland Operations Office, CA.

AMENDMENTS 10/24/05 70 FR 44466 (Amended)

R-2534A Vandenberg AFB, CA
Boundaries. Beginning at lat. 34°38'35"N., long. 120°31'24"W.; to lat. 34°35'45"N., long. 120°28'14"W.; to lat. 34°36'20"N., long. 120°27'24"W.; to lat. 34°30'00"N., long. 120°15'34"W.; to lat. 34°25'00"N., long. 120°15'34"W.; thence 3 NM from and parallel to the shoreline to lat. 34°24'39"N., long. 120°19'13"W.; to the point of beginning.
Designated altitudes. 500 feet above the surface to unlimited.
Time of designation. Intermittent by NOTAM at least 4 hours in advance.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. U.S. Air Force, Commander, 30th Space Wing, Vandenberg, AFB, CA.

AMENDMENT 02/01/18 82 FR 51344 (Amended)

R-2534B Vandenberg AFB, CA
Boundaries. Beginning at lat. 34°38'35"N., long. 120°31'24"W.; to lat. 34°24'39"N., long. 120°19'13"W.; to lat. 34°25'00"N., long. 120°27'04"W.; to lat. 34°35'00"N., long. 120°32'04"W.; to the point of beginning.
Designated altitudes. 500 feet above the surface to unlimited.
Time of designation. Intermittent by NOTAM at least 4 hours in advance.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. U.S. Air Force, Commander, 30th Space Wing, Vandenberg, AFB, CA.

AMENDMENT 02/01/18 82 FR 51344 (Amended)

R-2535A San Nicolas Island, CA
Boundaries. Beginning at lat. 33°20'10"N., long. 119°31'13"W.; to lat. 33°18'18"N., long. 119°26'32"W.; to lat. 33°10'10"N., long. 119°31'13"W.; to lat. 33°12'00"N., long.119°35'33"W.; to lat. 33°14'20"N., long. 119°37'43"W.; to lat. 33°16'40"N., long. 119°38'13"W.; to lat. 33°19'10"N., long. 119°37'13"W.; to the point of beginning.
Designated altitudes. Surface to 100,000 feet MSL.
Time of designation. 0600-2200 local time Monday-Friday; other times by NOTAM at least 24 hours in advance.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. U.S. Navy, Commander, Naval Air Warfare Center Weapons Division, Point Mugu, CA.

AMENDMENTS 11/11/93 58 FR 45051 (Amended)

R-2535B San Nicolas Island, CA
Boundaries. Beginning at lat. 33°18'18"N., long. 119°26'32"W.; to lat. 33°17'40"N., long. 119°24'53"W.; to lat. 33°13'50"N., long. 119°21'53"W.; o lat. 33°10'10"N., long. 119°24'23"W.; to lat. 33°10'10"N., long. 119°29'43"W.; to lat. 33°10'10"N., long. 119°31'13"W.; to the point of beginning.
Designated altitudes. Surface to 100,000 feet MSL.
Time of designation. 0600-2200 local time Monday-Friday; other times by NOTAM at least 24 hours in advance.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. U.S. Navy, Commander, Naval Air Warfare Center Weapons Division, Point Mugu, CA.

AMENDMENTS 11/11/93 58 FR 45051 (Amended)

§ 73.26 Colorado (CO)

R-2601A Fort Carson, CO
Boundaries. Beginning at lat. 38°38'19"N., long. 104°52'02"W.; to lat. 38°42'40"N., long. 104°49'06"W.; to lat. 38°41'20"N., long. 104°47'02"W.; to lat. 38°40'15"N., long.104°46'22"W.; to lat. 38°40'00"N., long. 104°45'42"W.; to lat. 38°32'06"N., long. 104°45'02"W.; to lat. 38°25'35"N., long. 104°45'02"W.; to lat. 38°25'35"N., long. 104°49'02"W.; to lat. 38°26'10"N., long. 104°49'02"W.; to lat. 38°26'08"N., long. 104°57'32"W.; to lat. 38°29'35"N., long. 104°57'32"W.; thence northeast along Colorado Highway 115, to the point of beginning.
Designated altitudes. Surface to but not including 12,500 feet MSL.
Time of designation. 0500 to 2400 hours local Monday-Friday; other times by NOTAM 1 hour in advance.
Controlling agency. FAA, Denver ARTCC.
Using agency. Commanding General, Fort Carson, CO.

AMENDMENTS 3/27/97 62 FR 4141 (Added)

R-2601B Fort Carson, CO
Boundaries. Beginning at lat. 38°38'19"N., long. 104°52'02"W.; to lat. 38°42'40"N., long. 104°49'06"W.; to lat. 38°41'20"N., long. 104°47'02"W.; to lat. 38°40'15"N., long.104°46'22"W.; to lat. 38°40'00"N., long. 104°45'42"W.; to lat. 38°32'06"N., long. 104°45'02"W.; to lat. 38°25'35"N., long. 104°45'02"W.; to lat. at. 38°25'35"N., long. 104°49'02"W.; to lat. 38°26'10"N., long. 104°49'02"W.; to lat. 38°26'08"N., long. 104°57'32"W.; to lat. 38°29'35"N., long. 104°57'32"W.; thence northeast along Colorado Highway 115, to the point of beginning.
Designated altitudes. 12,500 feet MSL to but not including 22,500 feet MSL.

Time of designation. By NOTAM 1 hour in advance.
Controlling agency. FAA, Denver ARTCC.
Using agency. Commanding General, Fort Carson, CO.

AMENDMENTS 03/27/97 62 FR 4141 (Added)

R-2601C Fort Carson, CO
Boundaries. Beginning at lat. 38°38'19"N., long. 104°52'02"W.; to lat. 38°42'40"N., long. 104°49'06"W.; to lat. 38°41'20"N., long. 104°47'02"W.; to lat. 38°40'15"N., long.104°46'22"W.; to lat. 38°40'00"N., long. 104°45'42"W.; to lat. 38°32'06"N., long. 104°45'02"W.; to lat. 38°25'35"N., long. 104°45'02"W.; to lat. 38°25'35"N., long. 104°49'02"W.; to lat. 38°26'10"N., long. 104°49'02"W.; to lat. 38°26'08"N., long. 104°57'32"W.; to lat. 38°29'35"N., long. 104°57'32"W.; thence northeast along Colorado Highway 115, to the point of beginning.
Designated altitudes. 22,500 feet MSL to but not including 35,000 MSL.
Time of designation. By NOTAM 24 hours in advance.
Controlling agency. FAA, Denver ARTCC.
Using agency. Commanding General, Fort Carson, CO.

AMENDMENTS 03/27/97 62 FR 4141 (Added)

R-2601D Fort Carson, CO
Boundaries. Beginning at lat. 38°38'19"N., long. 104°52'02"W.; to lat. 38°42'40"N., long. 104°49'06"W.; to lat. 38°41'20"N., long. 104°47'02"W.; to lat. 38°40'15"N., long.104°46'22"W.; to lat. 38°40'00"N., long. 104°45'42"W.; to lat. 38°32'06"N., long.104°45'02"W.; to lat. 38°25'35"N., long. 104°45'02"W.; to lat. 38°25'35"N., long. 104°49'02"W.; to lat. 38°26'10"N., long. 104°49'02"W.; to lat. 38°26'08"N., long. 104°57'32"W.; to lat. 38°29'35"N., long. 104°57'32"W.; thence northeast along Colorado Highway 115, to the point of beginning.
Designated altitudes. 35,000 feet MSL to but not including 60,000 feet MSL.
Time of designation. By NOTAM 24 hours in advance.
Controlling agency. FAA, Denver ARTCC.
Using agency. Commanding General, Fort Carson, CO.

AMENDMENTS 03/27/97 62 FR 4141 (Added)

R-2602 Colorado Springs, CO
Boundaries. Beginning at lat. 38°48'35"N., long. 104°32'05"W.; to lat. 38°48'35"N., long. 104°30'59"W.; to lat. 38°47'43"N., long. 104°30'58"W.; to lat. 38°47'43"N., long.104°32'04"W.; to the point of beginning.
Designated altitudes. Surface to 1,000 feet AGL.

Time of designation. Continuous.
Controlling agency. FAA, Denver ARTCC.
Using agency. USAF Space Command, 2nd Space Wing, Schriever AFB, CO.

AMENDMENTS 08/10/00 65 FR 35273 (Amended)

R-2603 Fort Carson, CO
Boundaries. Beginning lat. 37°22'30"N., long. 104°04'47"W.; to lat. 37°32'27"N., long. 104°06'32"W.; to lat. 37°32'27"N., long. 104°02'15"W.; to lat. 37°33'21"N., long. 103°57'55"W.; to lat. 37°35'59"N., long. 103°57'50"W.; to lat. 37°35'57"N., long. 103°54'40"W.; to lat. 37°38'10"N., long. 103°48'47"W.; to lat. 37°38'32"N., long. 103°48'43"W.; to lat. 37°38'28"N., long. 103°42'40"W.; to lat. 37°32'46"N., long. 103°42'46"W.; to lat. 37°21'10"N., long. 103°54'41"W.; to lat. 37°21'15"N., long. 104°02'35"W.; thence to the point of beginning.
Designated altitudes. Surface to but not including 10,000 feet Mean Sea Level (MSL).
Time of designation. By NOTAM 24 hours in advance.
Controlling agency. FAA, Denver ARTCC.
Using agency. Commander, U.S. Army, Fort Carson, CO.

AMENDMENT 12/07/17 82 FR 46898 (Added)

§ 73.27 Connecticut (CT)

§ 73.28 Delaware (DE)

§ 73.29 Florida (FL)

R-2901A Avon Park, FL
Boundaries. Beginning at lat. 27°44'46"N., long. 81°25'19"W.; to lat. 27°44'46"N., long. 81°11'39"W.; to lat. 27°35'01"N., long. 81°08'59"W.; to lat. 27°32'31"N., long. 81°07'23"W.; to lat. 27°29'01"N., long. 81°13'29"W.; to lat. 27°32'37"N., long. 81°16'46"W.; to lat. 27°32'33"N., long. 81°21'39"W.; to lat. 27°42'01"N., long. 81°25'19"W.; to the point of beginning.
Designated altitudes. Surface to but not including 14,000 feet MSL.
Time of designation. Intermittent, 0600-2400 local time, Monday-Friday; 0800-1800 local time, Saturday-Sunday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Miami ARTCC.
Using agency. U.S. Air Force, Commander, 23rd Wing, Det 1, MacDill AFB, FL.

AMENDMENTS 11/13/14 79 FR 55606 (Amended)

R-2901B Avon Park, FL
Boundaries. Beginning at lat. 28°00'01"N., long. 81°20'59"W.; to lat. 28°00'01"N., long. 81°13'59"W.; to lat. 27°44'46"N., long. 81°13'59"W.; to lat. 27°44'46"N., long. 81°11'39"W.; to lat. 27°35'01"N., long. 81°08'59"W.; to lat. 27°32'31"N., long. 81°07'23"W.; to lat. 27°29'31"N., long. 81°05'27"W.; to lat. 27°21'01"N., long. 80°59'59"W.; to lat. 27°16'46"N., long. 81°05'59"W.; to lat. 27°24'46"N., long. 81°10'59"W.; to lat. 27°30'46"N., long. 81°17'49"W.; to lat. 27°32'33"N., long. 81°21'39"W.; to lat. 27°42'01"N., long. 81°25'19"W.; to lat. 27°55'01"N., long. 81°25'19"W.; to the point of beginning.
Designated altitudes. 14,000 feet MSL to but not including FL 180.
Time of designation. Intermittent, 0600-2400, Monday-Friday; 0800-1800, Saturday-Sunday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Miami ARTCC.
Using agency. U.S. Air Force, Commander, 23rd Wing, Det 1, MacDill AFB, FL.

AMENDMENTS 11/13/14 79 FR 55606 (Amended)

R-2901C Avon Park, FL
Boundaries. Beginning at lat. 27°44'46"N., long. 81°25'19"W.; to lat. 27°46'01"N., long. 81°25'19"W.; thence east along Florida State Routes 60 and 630 to lat. 27°48'31"N., long. 81°13'59"W.; to lat. 27°44'46"N., long. 81°13'59"W.; to the point of beginning.
Designated altitudes. Surface to but not including 14,000 feet MSL.
Time of designation. Intermittent, 0600-2400 local time, Monday-Friday; 0800-1800 local time, Saturday-Sunday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Miami ARTCC.
Using agency. U.S. Air Force, Commander, 23rd Wing, Det 1, MacDill AFB, FL.

AMENDMENTS 07/29/10 75 FR 28752 (Amended)

R-2901D Avon Park, FL
Boundaries. Beginning at lat. 27°46'01"N., long. 81°25'19"W.; to lat. 27°50'01"N., long. 81°25'19"W.; to lat. 27°50'01"N., long. 81°13'59"W.; to lat. 27°48'31"N., long. 81°13'59"W.; thence west along Florida State Routes 60 and 630 to the point of beginning.
Designated altitudes. 500 feet MSL to but not including 4,000 feet MSL east of long. 81°21'00"W.; 1,000 feet AGL to but not including 4,000 feet MSL west of long. 81°21'00"W.
Time of designation. Intermittent, 0600-2400 local time, Monday-Friday; 0800-1800 local time, Saturday-Sunday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Miami ARTCC.
Using agency. U.S. Air Force, Commander, 23rd Wing, Det 1, MacDill AFB, FL.

AMENDMENTS 07/29/10 75 FR 28752 (Amended)

R-2901E Avon Park, FL
Boundaries. Beginning at lat. 27°50'01"N., long. 81°25'19"W.; to lat. 27°55'01"N., long. 81°25'19"W.; to lat. 28°00'01"N., long. 81°20'59"W.; to lat. 28°00'01"N., long. 81°13'59"W.; to lat. 27°50'01"N., long. 81°13'59"W.; to the point of beginning.
Designated altitudes. 1,000 feet MSL to but not including 4,000 feet MSL.
Time of designation. Intermittent, 0600-2400 local time, Monday-Friday; 0800-1800 local time, Saturday-Sunday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Miami ARTCC.
Using agency. U.S. Air Force, Commander, 23rd Wing, Det 1, MacDill AFB, FL.

AMENDMENTS 07/29/10 75 FR 28752 (Amended)

R-2901F Avon Park, FL
Boundaries. Beginning at lat. 27°32'33"N., long. 81°21'39"W.; to lat. 27°32'37"N., long. 81°16'46"W.; to lat. 27°29'01"N., long. 81°13'29"W.; to lat. 27°24'46"N., long. 81°10'59"W.; to lat. 27°30'46"N., long. 81°17'49"W.; to the point of beginning.
Designated altitudes. 4,000 feet MSL to but not including 5,000 feet MSL.
Time of designation. Intermittent, 0600-2400 local time, Monday-Friday; 0800-1800 local time, Saturday-Sunday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Miami ARTCC.
Using agency. U.S. Air Force, Commander, 23rd Wing, Det 1, MacDill AFB, FL.

AMENDMENTS 07/29/10 75 FR 28752 (Amended)

R-2901G Avon Park, FL
Boundaries. Beginning at lat. 27°29'01"N., long. 81°13'29"W.; to lat. 27°32'31"N., long. 81°07'23"W.; to lat. 27°29'31"N., long. 81°05'27"W.; to lat. 27°24'46"N., long. 81°10'59"W.; to the point of beginning.
Designated altitudes. Surface to but not including 5,000 feet MSL.
Time of designation. Intermittent, 0600-2400 local time, Monday-Friday; 0800-1800 local time, Saturday-Sunday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Miami ARTCC.
Using agency. U.S. Air Force, Commander, 23rd Wing, Det 1, MacDill AFB, FL.

AMENDMENTS 11/13/14 79 FR 55606 (Amended)

R-2901H Avon Park, FL
Boundaries. Beginning at lat. 27°24'46"N., long. 81°10'59"W.; to lat. 27°29'31"N., long. 81°05'27"W.; to lat. 27°21'01"N., long. 80°59'59"W.; to the point of beginning.
Designated altitudes. 1,000 feet MSL to but not including 4,000 feet MSL.
Time of designation. Intermittent, 0600-2400 local time, Monday-Friday; 0800-1800 local time, Saturday-Sunday; other times by NOTAM 6 hours in advance.

Controlling agency. FAA, Miami ARTCC.
Using agency. U.S. Air Force, Commander, 23rd Wing, Det 1, MacDill AFB, FL.

AMENDMENTS 11/13/14 79 FR 55606 (Amended)

R-2901I Avon Park, FL
Boundaries. Beginning at lat. 27°24'46"N., long. 81°10'59"W.; to lat. 27°21'01"N., long. 80°59'59"W.; to lat. 27°16'46"N., long. 81°05'59"W.; to the point of beginning.
Designated altitudes. 1,500 feet MSL to but not including 4,000 feet MSL.
Time of designation. Intermittent, 0600-2400 local time, Monday-Friday; 0800-1800 local time, Saturday-Sunday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Miami ARTCC.
Using agency. U.S. Air Force, Commander, 23rd Wing, Det 1, MacDill AFB, FL.

AMENDMENTS 07/29/10 75 FR 28752 (Amended)

R-2901J Avon Park, FL
Boundaries. Beginning at lat. 28°00'01"N., long. 81°20'59"W.; to lat. 28°00'01"N., long. 81°13'59"W.; to lat. 27°44'46"N., long. 81°13'59"W.; to lat. 27°44'46"N., long. 81°11'39"W.; to lat. 27°35'01"N., long. 81°08'59"W.; to lat. 27°32'31"N., long. 81°07'23"W.; to lat. 27°29'31"N., long. 81°05'27"W.; to lat. 27°21'01"N., long. 80°59'59"W.; to lat. 27°16'46"N., long. 81°05'59"W.; to lat. 27°24'46"N., long. 81°10'59"W.; to lat. 27°30'46"N., long. 81°17'49"W.; to lat. 27°32'33"N., long. 81°21'39"W.; to lat. 27°42'01"N., long. 81°25'19"W.; to lat. 27°55'01"N., long. 81°25'19"W.; to the point of beginning.
Designated altitudes. FL 180 to but not including FL 230.
Time of designation. Intermittent, 0600-2400, Monday-Friday; 0800-1800, Saturday-Sunday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Miami ARTCC.
Using agency. U.S. Air Force, Commander, 23rd Wing, Det 1, MacDill AFB, FL.

AMENDMENTS 11/13/14 79 FR 55606 (Amended)

R-2901K Avon Park, FL
Boundaries. Beginning at lat. 28°00'01"N., long. 81°20'59"W.; to lat. 28°00'01"N., long. 81°13'59"W.; to lat. 27°44'46"N., long. 81°13'59"W.; to lat. 27°44'46"N., long. 81°11'39"W.; to lat. 27°35'01"N., long. 81°08'59"W.; to lat. 27°32'31"N., long. 81°07'23"W; to lat. 27°29'31"N., long. 81°05'27"W., to lat. 27°21'01"N., long. 80°59'59"W.; to lat. 27°16'46"N., long. 81°05'59"W.; to lat. 27°24'46"N., long. 81°10'59"W.; to lat. 27°30'46"N., long. 81°17'49"W.; to lat. 27°32'33"N., long. 81°21'39"W.; to lat. 27°42'01"N., long. 81°25'19"W.; to lat. 27°55'01"N., long. 81°25'19"W.; to the point of beginning.
Designated altitudes. FL 230 to but not including FL 310.
Time of designation. Intermittent, 0600-2400, Monday-Friday; 0800-1800, Saturday-Sunday; other times by NOTAM 6 hours in advance.

Controlling agency. FAA, Miami ARTCC.
Using agency. U.S. Air Force, Commander, 23rd Wing, Det 1, MacDill AFB, FL.

AMENDMENTS 11/13/14 79 FR 55606 (Amended)

R-2901L Avon Park, FL
Boundaries. Beginning at lat. 28°00'01"N., long. 81° 20'59"W.; to lat. 28°00'01"N., long. 81°13'59"W.; to lat. 27°44'46"N., long. 81°13'59"W.; to lat. 27°44'46"N., long. 81°11'39"W.; to lat. 27°35'01"N., long. 81°08'59"W.; to lat. 27°32'31"N., long. 81°07'23"W.; to lat. 27°29'31"N., long. 81°05'27"W.; to lat. 27°21'01"N., long. 80°59'59"W.; to lat. 27°16'46"N., long. 81°05'59"W.; to lat. 27°24'46"N., long. 81°10'59"W.; to lat. 27°30'46"N., long. 81°17'49"W.; to lat. 27°32'33"N., long. 81°21'39"W.; to lat. 27°42'01"N., long. 81°25'19"W.; to lat. 27°55'01"N., long. 81°25'19"W.; to the point of beginning.
Designated altitudes. FL 310 to FL 400.
Time of designation. Intermittent, 0600-2400, Monday-Friday; 0800-1800, Saturday-Sunday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Miami ARTCC.
Using agency. U.S. Air Force, Commander, 23rd Wing, Det 1, MacDill AFB, FL.

AMENDMENTS 11/13/14 79 FR 55606 (Amended)

R-2901M Avon Park, FL
Boundaries. Beginning at lat. 28°00'01"N., long. 81°20'59"W.; to lat. 28°00'01"N., long. 81°13'59"W.; to lat. 27°48'31"N., long. 81°13'59"W.; thence west along Florida State Routes 60 and 630 to lat. 27°46'01"N., long. 81°25'19"W.; to lat. 27°55'01"N., long. 81°25'19"W.; to the point of beginning.
Designated altitudes. 4,000 feet MSL to but not including 14,000 feet MSL.
Time of designation. Intermittent, 0600-2400, Monday-Friday; 0800-1800, Saturday-Sunday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Miami ARTCC.
Using agency. U.S. Air Force, Commander, 23rd Wing, Det 1, MacDill AFB, FL.

AMENDMENTS 07/29/10 75 FR 28752 (Added)

R-2901N Avon Park, FL
Boundaries. Beginning at lat. 27°32'33"N., long. 81°21'39"W.; to lat. 27°32'37"N., long. 81°16'46"W.; to lat. 27°29'01"N., long. 81°13'29"W.; to lat. 27°32'31"N., long. 81°07'23"W.; to lat. 27°29'31"N., long. 81°05'27"W.; to lat. 27°21'01"N., long. 80°59'59"W.; to lat. 27°16'46"N., long. 81°05'59"W.; to lat. 27°24'46"N., long. 81°10'59"W.; to lat. 27°30'46"N., long. 81°17'49"W.; to the point of beginning.
Designated altitudes. 5,000 feet MSL to but not including 14,000 feet MSL north of a line from lat. 27°24'46"N., long. 81°10'59"W.; to lat. 27°29'31"N., long. 81°05'27"W.; 4,000 feet MSL to but not including 14,000 feet MSL south of that line.

Time of designation. Intermittent, 0600-2400, Monday-Friday; 0800-1800, Saturday-Sunday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Miami ARTCC.
Using agency. U.S. Air Force, Commander, 23rd Wing, Det 1, MacDill AFB, FL.

AMENDMENTS 11/13/14 79 FR 55606 (Amended)

R-2903A Stevens Lake, FL
Boundaries. Beginning at lat. 29°58'06"N., long. 81°59'09"W.; to lat. 29°58'56"N., long. 81°59'32"W.; to lat. 29°58'56"N., long. 81°56'04"W.; to lat. 29°56'31"N., long. 81°52'59"W.; to lat. 29°55'32"N., long. 81°54'07"W.; thence clockwise along an arc of a circle 5 NM in radius centered at lat. 29°53'05"N., long. 81°59'08"W.; to lat. 29°48'27"N., long. 81°56'57"W.; to lat. 29°52'36"N., long. 82°01'39"W.; to lat. 29°53'46"N., long. 82°04'50"W.; thence clockwise along an arc of a circle 5 NM in radius centered at lat. 29°53'05"N., long. 81°59'08"W.; to the point of beginning.
Designated altitudes. Surface to but not including 23,000 feet MSL.
Time of designation. Intermittent, 0700-1900 local time, Tuesday-Sunday; other times by NOTAM at least 24 hours in advance.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Army, Department of Military Affairs, State Arsenal, St. Augustine, FL.

AMENDMENTS 05/05/88 53 FR 8173 (Added)

R-2903B Stevens Lake, FL
Boundaries. Beginning at lat. 29°58'06"N., long. 81°59'09"W.; to lat. 29°58'56"N., long. 81°59'32"W.; to lat. 29°58'56"N., long. 81°56'04"W.; to lat. 29°56'31"N., long. 81°52'59"W.; to lat. 29°55'32"N., long. 81°54'07"W.; thence clockwise along an arc of a circle 5 NM in radius centered at lat. 29°53'05"N., long. 81°59'08"W.; to lat. 29°48'27"N., long. 81°56'57"W.; to lat. 29°52'36"N., long. 82°01'39"W.; to lat. 29°53'46"N., long. 82°04'50"W.; thence clockwise along an arc of a circle 5 NM in radius centered at lat. 29°53'05"N., long. 81°59'08"W.; to the point of beginning.
Designated altitudes. 23,000 feet MSL to 32,000 feet MSL.
Time of designation. Intermittent, 2000-0500 local time, Saturday-Sunday, activated by NOTAM at least 24 hours in advance; not to exceed 24 days per year.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Army, Department of Military Affairs, State Arsenal, St. Augustine, FL.

AMENDMENTS 05/05/88 53 FR 8173 (Amended)

R-2903C Stevens Lake, FL
Boundaries. Beginning at lat. 29°52'31"N., long. 81°53'25"W.; to lat. 29°51'14"N., long. 81°50'56"W.; to lat. 29°47'01"N., long. 81°53'54"W.; to lat. 29°48'27"N., long. 81°56'57"W.; thence counterclockwise along the arc of a circle 5 NM in radius centered at lat. 29°53'05"N., long. 81°59'08"W.; to the point of beginning.
Designated altitudes. Surface to 7,000 feet MSL.
Time of designation. Intermittent, 0700-1900 local time, Tuesday-Sunday; other times by NOTAM at least 24 hours in advance.
Controlling agency. FAA, Jacksonville TRACON.
Using agency. U.S. Army, Department of Military Affairs, State Arsenal, St. Augustine, FL.

AMENDMENTS 05/05/88 53 FR 8173 (Added)

R-2903D Stevens Lake, FL
Boundaries. Beginning at lat. 29°51'14"N., long. 81°50'56"W.; to lat. 29°48'51"N., long. 81°46'09"W.; to lat. 29°44'51"N., long. 81°49'04"W.; to lat. 29°47'01"N., long. 81°53'54"W.; to the point of beginning.
Designated altitudes. Surface to 5,000 feet MSL.
Time of designation. Intermittent, 0700-1900 local time, Tuesday-Sunday; other times by NOTAM at least 24 hours in advance.
Controlling agency. FAA, Jacksonville TRACON.
Using agency. U.S. Army, Department of Military Affairs, State Arsenal, St. Augustine, FL.

AMENDMENTS 05/05/88 53 FR 8173 (Added)

R-2904A Starke, FL
Boundaries. Beginning at lat. 30°03'31"N., long. 81°55'39"W.; to lat. 29°58'56"N., long. 81°55'39"W.; to lat. 29°58'56"N., long. 82°02'45"W.; to lat. 30°03'31"N., long. 82°02'45"W.; to the point of beginning.
Designated altitudes. Surface to but not including 1,800 feet MSL.
Time of designation. April-August, daily 0800-1700 local time; September-March, Saturday-Sunday 0800-1700 local time; other times by NOTAM at least 24 hours in advance.
Controlling agency. FAA, Jacksonville TRACON.
Using agency. U.S. Army, Department of Military Affairs, State Arsenal, St. Augustine, FL.

AMENDMENTS 05/05/88 53 FR 8173 (Added)

R-2905A Tyndall AFB, FL
Boundaries. Beginning at lat. 30°01'31"N., long. 85°32'30"W.; to lat. 30°01'16"N., long. 85°30'00"W.; to lat. 29°56'06"N., long. 85°32'57"W.; thence 3 nautical miles from and parallel to the shoreline to lat. 29°59'05"N., long. 85°36'24"W.; to the point of beginning.
Designated altitudes. Surface to 10,000 feet MSL.

Time of designation. Intermittent, as announced by NOTAM, for periods of approximately 10 minutes during launch or recovery.
Controlling agency. Tyndall Radar Approach Control.
Using agency. 325 FW, Tyndall AFB, FL.

AMENDMENT 11/08/18 83 FR 40967 (Amended)

R-2905B Tyndall AFB, FL
Boundaries. Beginning at lat. 30°01'16"N., long. 85°30'00"W.; to lat. 30°01'01"N., long. 85°27'00"W.; to lat. 29°54'09"N., long. 85°27'00"W.; thence 3 nautical miles from and parallel to the shoreline to lat. 29°56'06"N., long. 85°32'57"W.; to the point of beginning.
Designated altitudes. Surface to 10,000 feet MSL.
Time of designation. Intermittent, as announced by NOTAM, for periods of approximately 10 minutes during launch or recovery.
Controlling agency. Tyndall Radar Approach Control.
Using agency. 325 FW, Tyndall, AFB, FL.

AMENDMENT 11/08/18 83 FR 40967 (Amended)

R-2906 Rodman, FL
Boundaries. A circle with a 5-nautical-mile radius centered at lat. 29°29'01"N., long. 81°45'59"W.; excluding the area east of the east bank of the St Johns River.
Designated altitudes. Surface to 14,000 feet MSL.
Time of designation. Intermittent, 0800-2400, daily; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Jacksonville TRACON.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville (FACSFAC JAX), Jacksonville, FL.

AMENDMENTS 08/22/13 78 FR 39964 (Amended)

R-2907A Lake George, FL
Boundaries. Beginning at lat. 29°22'51"N., long. 81°31'19"W.; to lat. 29°12'31"N., long. 81°29'59"W.; to lat. 29°12'31"N., long. 81°38'29"W.; to lat. 29°15'06"N., long. 81°39'59"W.; to lat. 29°15'06"N., long. 81°51'49"W.; to lat. 29°20'06"N., long. 81°51'49"W.; to lat. 29°20'06"N., long. 81°39'59"W.; to lat. 29°23'01"N., long. 81°39'59"W.; to lat. 29°23'01"N., long. 81°38'54"W.; thence clockwise along the 5 NM arc centered at lat. 29°19'12" N., long. 81°35'14"W. to the point of beginning.
Designated altitudes. Surface to FL 230.
Time of designation. Intermittent, 0800-2400, daily; other times by NOTAM, 6 hours in advance.
Controlling agency. FAA, Jacksonville ARTCC.

Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville (FACSFAC JAX), Jacksonville, FL.

AMENDMENTS 08/22/13 78 FR 39964 (Amended)

R-2907B Lake George, FL
Boundaries. Beginning at lat. 29°25'41"N., long. 81°41'47"W.; to lat. 29°23'01"N., long. 81°39'59"W.; to lat. 29°20'06"N., long. 81°39'59"W.; to lat. 29°20'06"N., long. 81°51'49"W.; to lat. 29°29'30"N., long. 81°51'41"W.; thence counterclockwise along a 5 NM arc centered at lat. 29°29'01"N., long. 81°45'59"W.; to the point of beginning.
Designated altitudes. 2,000 feet MSL to FL 230.
Time of designation. Intermittent, 0800-2400, daily; other times by NOTAM, 6 hours in advance.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville (FACSFAC JAX), Jacksonville, FL.

AMENDMENTS 08/22/13 78 FR 39964 (Amended)

R-2907C Lake George, FL
Boundaries. Beginning at lat. 29°25'41"N., long. 81°41'47"W.; to lat. 29°23'01"N., long. 81°39'59"W.; to lat. 29°20'06"N., long. 81°39'59"W.; to lat. 29°20'06"N., long. 81°51'49"W.; to lat. 29°29'30"N., long. 81°51'41"W.; thence counterclockwise along a 5 NM arc centered at lat. 29°29'01"N., long. 81°45'59"W.; to the point of beginning.
Designated altitudes. 500 feet MSL to, but not including, 2,000 feet MSL.
Time of designation. Intermittent, 0800-2400, daily; other times by NOTAM, 6 hours in advance; not to exceed 800 hours per year.
Controlling agency. FAA, Jacksonville TRACON.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville (FACSFAC JAX), Jacksonville, FL.

AMENDMENT 05/24/18 83 FR 10784 (Amended) Corr: 83 FR 14174

R-2908 Pensacola, FL
Boundaries. Bounded on the N by the Alabama-Florida shoreline; on the E by a line extending from lat. 30°15'01"N., long. 87°41'00"W.; to lat. 30°11'21"N., long. 87°44'15"W.; on the S by a line 3 nautical miles from and parallel to the Alabama-Florida shoreline; and on the W by long. 88°01'30"W.
Designated altitudes. Surface to 12,000 feet MSL.

Time of designation. November-December, Monday-Friday, 0800-1600 local time; other times by NOTAM 24 hours in advance.
Controlling agency. FAA, Pensacola TRACON.
Using agency. U.S. Navy Flight Demonstration Squadron, Pensacola NAS, FL.

AMENDMENTS 05/20/99 64 FR 13506 (Amended)

R-2910A Pinecastle, FL
Boundaries. Beginning at lat. 29°07'58"N., long. 81°48'29"W.; to lat. 29°10'01"N., long. 81°50'34"W.; to lat. 29°14'01"N., long. 81°45'49"W.; to lat. 29°11'51"N., long. 81°42'59"W.; thence clockwise along a 5 NM arc centered at lat. 29°06'53"N., long. 81°42'54"W.; to lat. 29°10'14"N., long. 81°38'39"W.; to lat. 29°00'00"N., long. 81°30'00"W.; to lat. 29°00'01"N., long. 81°42'29"W.; to lat. 29°03'15"N., long. 81°46'50"W.; thence clockwise along a 5 NM arc centered at lat. 29°06'53"N., long. 81°42'54"W.; to the point of beginning.
Designated altitudes. Surface to FL 230.
Time of designation. Intermittent, 0800-2400, daily; other times by NOTAM, 6 hours in advance.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville (FACSFAC JAX), Jacksonville, FL.

AMENDMENTS 08/22/13 78 FR 39964 (Added)

R-2910B Pinecastle, FL
Boundaries. Beginning at lat. 29°00'00"N., long. 81°30'00"W.; to lat. 28°57'56"N., long. 81°28'24"W.; to lat. 28°55'20"N., long. 81°36'12"W.; to lat. 29°00'01"N., long. 81°42'29"W.; to the point of beginning.
Designated altitudes. Surface to 6,000 feet MSL.
Time of designation. Intermittent, 0800-2400, daily; other times by NOTAM, 6 hours in advance.
Controlling agency. FAA, Central Florida TRACON.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville (FACSFAC JAX), Jacksonville, FL.

AMENDMENT 05/24/18 83 FR 10784 (Amended)

R-2910C Pinecastle, FL
Boundaries. Beginning at lat. 28°57'56"N., long. 81°28'24"W.; to lat. 28°53'39"N., long. 81°33'56"W.; to lat. 28°55'20"N., long. 81°36'12"W.; to the point of beginning.
Designated altitudes. Surface to 6,000 feet MSL.
Time of designation. Intermittent, 0800-2400, daily; other times by NOTAM, 6 hours in advance.

Controlling agency. FAA, Central Florida TRACON.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville (FACSFAC JAX), Jacksonville, FL.

AMENDMENT 05/24/18 83 FR 10784 (Amended)

R-2910D Pinecastle, FL
Boundaries. Beginning at lat. 29°12'31"N., long. 81°29'59"W.; to lat. 29°00'00"N., long. 81°30'00"W.; to lat. 29°10'14"N., long. 81°38'39"W.; thence counterclockwise along a 5 NM arc centered at lat. 29°06'53"N., long. 81°42'54"W.; to lat. 29°11'51"N., long. 81°42'59"W.; to lat. 29°14'01"N., long. 81°45'49"W.; to lat. 29°10'01"N., long. 81°50'34"W.; to lat. 29°15'55"N., long. 81°56'40"W.; to lat. 29°20'06"N., long. 81°51'49"W.; to lat. 29°15'06"N., long. 81°51'49"W.; to lat. 29°15'06"N., long. 81°39'59"W.; to lat. 29°12'31"N., long. 81°38'29"W.; to the point of beginning.
Designated altitudes. 2,000 feet MSL to FL 230.
Time of designation. Intermittent, 0800-2400, daily; other times by NOTAM, 6 hours in advance.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville (FACSFAC JAX), Jacksonville, FL.

AMENDMENTS 08/22/13 78 FR 39964 (Added)

R-2910E Pinecastle, FL
Boundaries. Beginning at lat. 29°12'31"N., long. 81°29'59"W.; to lat. 29°00'00"N., long. 81°30'00"W.; to lat. 29°10'14"N., long. 81°38'39"W.; thence counterclockwise along a 5 NM arc centered at lat. 29°06'53"N., long. 81°42'54"W.; to lat. 29°11'51"N., long. 81°42'59"W.; to lat. 29°14'01"N., long. 81°45'49"W.; to lat. 29°10'01"N., long. 81°50'34"W.; to lat. 29°15'55"N., long. 81°56'40"W.; to lat. 29°20'06"N., long. 81°51'49"W.; to lat. 29°15'06"N., long. 81°51'49"W.; to lat. 29°15'06"N., long. 81°39'59"W.; to lat. 29°12'31"N., long. 81°38'29"W.; to the point of beginning.
Designated altitudes. 500 feet MSL to, but not including, 2,000 feet MSL.
Time of designation. Intermittent, 0800-2400, daily; other times by NOTAM, 6 hours in advance; not to exceed 800 hours per year.
Controlling agency. FAA, Jacksonville TRACON.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville (FACSFAC JAX), Jacksonville, FL.

AMENDMENT 05/24/18 83 FR 10784 (Amended)

R-2914A Valparaiso, FL
Boundaries. Beginning at lat. 30°43'22"N., long. 86°25'00"W.; to lat. 30°43'46"N., long. 86°10'30"W.; to lat. 30°41'01"N., long. 86°05'10"W.; to lat. 30°24'01"N., long. 85°56'00"W.; to

lat. 30°19'16"N., long. 85°56'00"W.; to lat. 30°22'01"N., long. 86°08'00"W.; to lat. 30°23'21"N., long. 86°08'10"W.; to lat. 30°30'46"N., long. 86°25'00"W.; thence to the point of beginning.
Designated altitudes. Surface to unlimited, excluding that airspace within R-2917.
Time of designation. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, Commander, 96th Test Wing, Eglin AFB, FL.

AMENDMENTS 05/02/13 78 FR 17085 (Amended)

R-2914B Valparaiso, FL
Boundaries. Beginning at lat. 30°22'01"N., long. 86°08'00"W.; to lat. 30°19'16"N., long. 85°56'00"W.; to lat. 30°11'08"N., long. 85°56'00"W.; thence 3 nautical miles from and parallel to the shoreline to lat. 30°15'18"N., long. 86°06'19"W.; to the point of beginning.
Designated altitudes. 8,500 feet MSL to unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, Commander, 96th Test Wing, Eglin AFB, FL.

AMENDMENT 11/08/18 83 FR 40967 (Amended)

R-2915A Eglin AFB, FL
Boundaries. Beginning at lat. 30°33'30"N., long. 86°55'00"W.; to lat. 30°38'52"N., long. 86°55'00"W.; thence along the L and N Railroad to lat. 30°42'46"N., long. 86°45'23"W.; to lat. 30°42'51"N., long. 86°38'02"W.; to lat. 30°29'02"N., long. 86°38'02"W.; to lat. 30°26'31"N., long. 86°51'30"W.; to lat. 30°26'31"N., long. 86°52'00"W.; thence along the Navarre-Milton Highway to the point of beginning.
Designated altitudes. Surface to unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, Commander, 96th Test Wing, Eglin AFB, FL.

AMENDMENT 11/08/18 83 FR 40967 (Amended)

R-2915B Eglin AFB, FL
Boundaries. Beginning at lat. 30°26'31"N., long. 86°51'30"W.; to lat. 30°29'02"N., long. 86°38'02"W.; to lat. 30°23'46"N., long. 86°38'15"W.; thence along the shoreline to lat. 30°22'47"N., long. 86°51'30"W.; to lat. 30°24'21"N., long. 86°48'00"W.; to the point of beginning.
Designated altitudes. Surface to unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, Commander, 96th Test Wing, Eglin AFB, FL.

AMENDMENTS 05/02/13 78 FR 17085 (Amended)

R-2915C Eglin AFB, FL
Boundaries. Beginning at lat. 30°22'47"N., long. 86°51'30"W.; thence along the shoreline to lat. 30°23'46"N., long. 86°38'15"W.; to lat. 30°20'47"N., long. 86°38'51"W.; thence 3 nautical miles from and parallel to the shoreline to lat. 30°19'45"N., long. 86°51'30"W.; to the point of beginning.
Designated altitudes. 8,500 feet MSL to unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, Commander, 96th Test Wing, Eglin AFB, FL.

AMENDMENT 11/08/18 83 FR 40967 (Amended)

R-2916 Cudjoe Key, FL
Boundaries. A circular area 4 statute miles in diameter centered at lat. 24°42'03"N., long. 81°30'29"W.
Designated altitudes. Surface to 14,000 feet MSL.
Time of designation. Continuous.
Controlling agency. FAA, Miami ARTCC.
Using agency. U.S. Customs and Border Protection, Air and Marine Operations Center, March ARB, CA.

AMENDMENTS 12/12/13 78 FR 63869 (Amended)

R-2917 De Funiak Springs, FL
Boundaries. A circle with a 1-nautical mile radius centered at lat. 30°34'21"N., long. 86°12'53"W.
Designated altitudes. Surface to 5,000 feet MSL.
Time of designation. Continuous.
Controlling agency. Eglin Approach Control.
Using agency. U.S. Air Force, Commander, U.S. Space Command, Peterson AFB, CO.

AMENDMENTS 05/31/12 77 FR 22667 (Amended)

R-2918 Valparaiso, FL
Boundaries. Beginning at lat. 30°43'18"N., long. 86°27'37"W.; to lat. 30°43'22"N., long. 86°25'00"W.; to lat. 30°33'01"N., long. 86°25'00"W.; to lat. 30°33'01"N., long. 86°25'30"W.; to lat. 30°37'01"N., long. 86°25'30"W.; to lat. 30°37'01"N., long. 86°27'37"W.; to the point of beginning.
Designated altitudes. Surface to unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, Commander, 96th Test Wing, Eglin AFB, FL.

AMENDMENTS 05/02/13 78 FR 17085 (Amended)

R-2919A Valparaiso, FL
Boundaries. Beginning at lat. 30°30'46"N., long. 86°25'00"W.; to lat. 30°23'21"N., long. 86°08'10"W.; to lat. 30°22'01"N., long. 86°08'00"W.; to lat. 30°25'01"N., long. 86°22'26"W.; to lat. 30°25'01"N., long. 86°25'00"W.; to the point of beginning.
Designated altitudes. Surface to unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, Commander, 96th Test Wing, Eglin AFB, FL.

AMENDMENTS 05/02/13 78 FR 17085 (Amended)

R-2919B Valparaiso, FL
Boundaries. Beginning at lat. 30°25'01"N., long. 86°22'26"W.; to lat. 30°22'01"N., long. 86°08'00"W.; to lat. 30°15'18"N., long. 86°06'19"W.; thence 3 NM from and parallel to the shoreline to lat. 30°19'41"N., long. 86°23'46"W.; to the point of beginning.
Designated altitudes. 8,500 feet MSL to unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, Commander, 96th Test Wing, Eglin AFB, FL.

AMENDMENT 11/08/18 83 FR 40967 (Amended)

R-2932 Cape Canaveral, FL
Boundaries. Beginning at lat. 28°39'21"N., long. 80°42'39"W.; to lat. 28°41'33"N., long. 80°35'25"W.; thence 3 NM from and parallel to the shoreline; to lat. 28°24'31"N., long. 80°29'52"W.; to lat. 28°25'01"N., long. 80°37'59"W.; to lat. 28°34'01"N., long. 80°39'29"W.; to the point of beginning.
Designated altitudes. Surface to but not including 5,000 feet MSL.
Time of designation. Continuous.
Controlling agency. FAA, Miami ARTCC.
Using agency. Commander, 45th Space Wing, Patrick AFB, FL.

AMENDMENT 03/31/16 80 FR 79472 (Amended)

R-2933 Cape Canaveral, FL
Boundaries. Beginning at lat. 28°39'21"N., long. 80°42'39"W.; to lat. 28°41'33"N., long. 80°35'25"W.; thence 3 NM from and parallel to the shoreline; to lat. 28°24'31"N., long. 80°29'52"W.; to lat. 28°25'01"N., long. 80°37'59"W.; to lat. 28°34'01"N., long. 80°39'29"W.; to the point of beginning.
Designated altitudes. 5,000 feet MSL to unlimited.

Time of designation. Intermittent, activated by NOTAM normally 24 hours in advance.
Controlling agency. FAA, Miami ARTCC.
Using agency. Commander, 45th Space Wing, Patrick AFB, FL.

AMENDMENT 03/31/16 80 FR 79472 (Amended)

R-2934 Cape Canaveral, FL
Boundaries. Beginning at lat. 28°49'11"N., long. 80°50'44"W.; to lat. 28°51'16"N., long. 80°47'14"W.; to lat. 28°51'16"N., long. 80°42'29"W.; thence 3 NM from and parallel to the shoreline; to lat. 28°41'33"N., long. 80°35'25"W.; to lat. 28°39'21"N., long. 80°42'39"W.; to lat. 28°34'01"N., long. 80°39'29"W.; to lat. 28°25'01"N., long. 80°37'59"W.; to lat. 28°25'01"N., long. 80°41'44"W.; to lat. 28°31'21"N., long. 80°43'49"W.; to lat. 28°38'01"N., long. 80°47'01"W.; to the point of beginning, excluding that airspace below 1,200 feet AGL west of a line from lat. 28°31'21"N., long. 80°43'49"W.; to lat. 28°28'41"N., long. 80°40'29"W.; to lat. 28°25'01"N., long. 80°40'29"W.
Designated altitudes. Surface to unlimited.
Time of designation. Intermittent, activated by NOTAM normally 24 hours in advance.
Controlling agency. FAA, Miami ARTCC.
Using agency. Commander, 45th Space Wing, Patrick AFB, FL.

AMENDMENT 03/31/16 80 FR 79472 (Amended)

R-2935 Cape Canaveral, FL
Boundaries. Beginning at lat. 28°47'21"N., long. 81°04'59"W.; to lat. 28°58'02"N., long. 80°46'58"W.; thence 3 NM from and parallel to the shoreline; to lat. 28°51'16"N., long. 80°42'29"W.; to lat. 28°51'16"N., long. 80°47'14"W.; to lat. 28°49'11"N., long. 80°50'44"W.; to lat. 28°38'01"N., long. 80°47'01"W.; to lat. 28°31'21"N., long. 80°43'49"W.; to lat. 28°25'01"N., long. 80°41'44"W.; to lat. 28°24'31"N., long. 80°29'52"W.; thence 3 NM from and parallel to the shoreline; to lat. 28°19'01"N., long. 80°33'00"W.; to lat. 28°19'01"N., long. 80°46'29"W.; to the point of beginning.
Designated altitudes. 11,000 feet MSL to unlimited.
Time of designation. Intermittent, activated by NOTAM normally 24 hours in advance.
Controlling agency. FAA, Miami ARTCC.
Using agency. Commander, 45th Space Wing, Patrick AFB, FL.

AMENDMENT 03/31/16 80 FR 79472 (Amended)

§ 73.30 Georgia (GA)

R-3002A Fort Benning, GA
Boundaries. Beginning at lat. 32°31'12"N., long. 84°50'11"W.; to lat. 32°19'03"N., long. 84°41'42"W.; thence along the Central of Georgia Railroad to lat. 32°19'09"N., long.

84°42'27"W.; to lat. 32°19'14"N., long. 84°42'52"W.; to lat. 32°19'23"N., long. 84°43'18"W.; to lat. 32°19'35"N., long. 84°43'49"W.; to lat. 32°19'43"N., long. 84°44'29"W.; to lat. 32°19'55"N., long. 84°45'06"W.; to lat. 32°20'13"N., long. 84°45'54"W.; to lat. 32°20'30"N., long. 84°46'32"W.; to lat. 32°20'53"N., long. 84°46'55"W.; to lat. 32°20'55"N., long. 84°47'38"W.; to lat. 32°15'25"N., long. 84°47'32"W.; to lat. 32°15'26"N., long. 84°48'37"W.; to lat. 32°15'17"N., long. 84°48'37"W.; thence along River Bend Road to lat. 32°15'17"N., long. 84°48'48"W.; to lat. 32°15'06"N., long. 84°49'08"W.; to lat. 32°14'48"N., long. 84°49'26"W.; to lat. 32°14'38"N., long. 84°49'53"W.; to lat. 32°14'32"N., long. 84°50'15"W.; to lat. 32°14'22"N., long. 84°50'30"W.; to lat. 32°14'12"N., long. 84°50'36"W.; to lat. 32°14'22"N., long. 84°52'22"W.; to lat. 32°15'07"N., long. 84°52'21"W.; to lat. 32°15'06"N., long. 84°52'38"W.; to lat, 32°15'33"N., long. 84°52'37"W.; to lat. 32°15'34"N., long. 84°53'11"W.; to lat. 32°20'15"N., long. 84°58'36"W.; thence along Dixie Rd./First Division Rd. to lat. 32°20'36"N., long. 84°58'15"W.; to lat. 32°20'53"N., long. 84°57'55"W.; to lat. 32°21'03"N., long. 84°57'40"W.; to lat. 32°21'11"N., long. 84°57'24"W.; to lat. 32°21'08"N., long. 84°56'55"W.; to lat. 32°21'13"N., long. 84°56'04"W.; to lat. 32°21'33"N., long. 84°55'35"W.; to lat. 32°21'50"N., long. 84°55'16"W.; to lat. 32°21'53"N., long. 84°55'00"W.; to lat. 32°22'06"N., long. 84°54'41"W.; to lat. 32°23'01"N., long. 84°55'44"W.; to lat. 32°24'48"N., long. 84°52'52"W.; to lat. 32°25'36"N., long. 84°52'52"W.; to lat. 32°25'44"N., long. 84°53'30"W.; to lat. 32°26'19"N., long. 84°53'31"W.; to lat. 32°26'20"N., long. 84°53'54"W.; to lat. 32°27'19"N., long. 84°53'53"W.; to lat. 32°27'17"N., long. 84°52'10"W.; to lat. 32°28'46"N., long. 84°52'08"W.; to lat. 32°28'44"N., long. 84°50'47"W.; to lat. 32°29'43"N., long. 84°50'59"W.; to lat. 32°30'35"N., long. 84°50'50"W.; to lat. 32°30'39"N., long. 84°50'23"W.; thence to the point of beginning.
Designated altitudes. Surface to 4,000 feet MSL.
Time of designation. Intermittent, 0600-0200 local time, daily; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Atlanta TRACON.
Using agency. U.S. Army, Commanding General, Infantry Center and Fort Benning, GA.

AMENDMENTS 08/03/06 71 FR 26194 (Revised)

R-3002B Fort Benning, GA
Boundaries. Beginning at lat. 32°31'12"N., long. 84°50'11"W.; to lat. 32°19'03"N., long. 84°41'42"W.; thence along the Central of Georgia Railroad to lat. 32°19'09"N., long. 84°42'27"W.; to lat. 32°19'14"N., long. 84°42'52"W.; to lat. 32°19'23"N., long. 84°43'18"W.; to lat. 32°19'35"N., long. 84°43'49"W.; to lat. 32°19'43"N., long. 84°44'29"W.; to lat. 32°19'55"N., long. 84°45'06"W.; to lat. 32°20'13"N., long. 84°45'54"W.; to lat. 32°20'30"N., long. 84°46'32"W.; to lat. 32°20'53"N., long. 84°46'55"W.; to lat. 32°20'55"N., long. 84°47'38"W.; to lat. 32°15'25"N., long. 84°47'32"W.; to lat. 32°15'26"N., long. 84°48'37"W.; to lat. 32°15'17"N., long. 84°48'37"W.; thence along River Bend Road to lat. 32°15'17"N., long. 84°48'48"W.; to lat. 32°15'06"N., long. 84°49'08"W.; to lat. 32°14'48"N., long. 84°49'26"W.; to lat. 32°14'38"N., long. 84°49'53"W.; to lat. 32°14'32"N., long. 84°50'15"W.; to lat. 32°14'22"N., long. 84°50'30"W.; to lat. 32°14'12"N., long. 84°50'36"W.; to lat. 32°14'22"N., long. 84°52'22"W.; to lat. 32°15'07"N., long. 84°52'21"W.; to lat. 32°15'06"N., long. 84°52'38"W.; to lat, 32°15'33"N., long. 84°52'37"W.; to lat. 32°15'34"N., long. 84°53'11"W.; to lat. 32°20'15"N., long. 84°58'36"W.; thence along Dixie Rd/First Division Rd to lat. 32°20'36"N., long. 84°58'15"W.; to

lat. 32°20'53"N., long. 84°57'55"W.; to lat. 32°21'03"N., long. 84°57'40"W.; to lat. 32°21'11"N., long. 84°57'24"W.; to lat. 32°21'08"N., long. 84°56'55"W.; to lat. 32°21'13"N., long. 84°56'04"W.; to lat. 32°21'33"N., long. 84°55'35"W.; to lat. 32°21'50"N., long. 84°55'16"W.; to lat. 32°21'53"N., long. 84°55'00"W.; to lat. 32°22'06"N., long. 84°54'41"W.; to lat. 32°23'01"N., long. 84°55'44"W.; to lat. 32°24'48"N., long. 84°52'52"W.; to lat. 32°25'36"N., long. 84°52'52"W.; to lat. 32°25'44"N., long. 84°53'30"W.; to lat. 32°26'19"N., long. 84°53'31"W.; to lat. 32°26'20"N., long. 84°53'54"W.; to lat. 32°27'19"N., long. 84°53'53"W.; to lat. 32°27'17"N., long. 84°52'10"W.; to lat. 32°28'46"N., long. 84°52'08"W.; to lat. 32°28'44"N., long. 84°50'47"W.; to lat. 32°29'43"N., long. 84°50'59"W.; to lat. 32°30'35"N., long. 84°50'50"W.; to lat. 32°30'39"N., long. 84°50'23"W.; thence to the point of beginning.
Designated altitudes. 4,000 feet MSL to 8,000 feet MSL.
Time of designation. Intermittent, 0600-0200 local time, daily; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Atlanta TRACON.
Using agency. U.S. Army, Commanding General, Infantry Center and Fort Benning, GA.

AMENDMENTS 08/03/06 71 FR 26194 (Revised)

R-3002C Fort Benning, GA
Boundaries. Beginning at lat. 32°31'12"N., long. 84°50'11"W.; to lat. 32°19'03"N., long. 84°41'42"W.; thence along the Central of Georgia Railroad to lat. 32°19'09"N., long. 84°42'27"W.; to lat. 32°19'14"N., long. 84°42'52"W.; to lat. 32°19'23"N., long. 84°43'18"W.; to lat. 32°19'35"N., long. 84°43'49"W.; to lat. 32°19'43"N., long. 84°44'29"W.; to lat. 32°19'55"N., long. 84°45'06"W.; to lat. 32°20'13"N., long. 84°45'54"W.; to lat. 32°20'30"N., long. 84°46'32"W.; to lat. 32°20'53"N., long. 84°46'55"W.; to lat. 32°20'55"N., long. 84°47'38"W.; to lat. 32°15'25"N., long. 84°47'32"W.; to lat. 32°15'26"N., long. 84°48'37"W.; to lat. 32°15'17"N., long. 84°48'37"W.; thence along River Bend Road to lat. 32°15'17"N., long. 84°48'48"W.; to lat. 32°15'06"N., long. 84°49'08"W.; to lat. 32°14'48"N., long. 84°49'26"W.; to lat. 32°14'38"N., long. 84°49'53"W.; to lat. 32°14'32"N., long. 84°50'15"W.; to lat. 32°14'22"N., long. 84°50'30"W.; to lat. 32°14'12"N., long. 84°50'36"W.; to lat. 32°14'22"N., long. 84°52'22"W.; to lat. 32°15'07"N., long. 84°52'21"W.; to lat. 32°15'06"N., long. 84°52'38"W.; to lat, 32°15'33"N., long. 84°52'37"W.; to lat. 32°15'34"N., long. 84°53'11"W.; to lat. 32°20'15"N., long. 84°58'36"W.; thence along Dixie Rd/First Division Rd to lat. 32°20'36"N., long. 84°58'15"W.; to lat. 32°20'53"N., long. 84°57'55"W.; to lat. 32°21'03"N., long. 84°57'40"W.; to lat. 32°21'11"N., long. 84°57'24"W.; to lat. 32°21'08"N., long. 84°56'55"W.; to lat. 32°21'13"N., long. 84°56'04"W.; to lat. 32°21'33"N., long. 84°55'35"W.; to lat. 32°21'50"N., long. 84°55'16"W.; to lat. 32°21'53"N., long. 84°55'00"W.; to lat. 32°22'06"N., long. 84°54'41"W.; to lat. 32°23'01"N., long. 84°55'44"W.; to lat. 32°24'48"N., long. 84°52'52"W.; to lat. 32°25'36"N., long. 84°52'52"W.; to lat. 32°25'44"N., long. 84°53'30"W.; to lat. 32°26'19"N., long. 84°53'31"W.; to lat. 32°26'20"N., long. 84°53'54"W.; to lat. 32°27'19"N., long. 84°53'53"W.; to lat. 32°27'17"N., long. 84°52'10"W.; to lat. 32°28'46"N., long. 84°52'08"W.; to lat. 32°28'44"N., long. 84°50'47"W.; to lat. 32°29'43"N., long. 84°50'59"W.; to lat. 32°30'35"N., long. 84°50'50"W.; to lat. 32°30'39"N., long. 84°50'23"W.; thence to the point of beginning.
Designated altitudes. 8,000 feet MSL to 14,000 feet MSL.
Time of designation. Intermittent by NOTAM 6 hours in advance.

Controlling agency. FAA, Atlanta TRACON.
Using agency. U.S. Army, Commanding General, Infantry Center and Fort Benning, GA.

AMENDMENTS 08/03/06 71 FR 26194 (Revised)

R-3002D Fort Benning, GA
Boundaries. Beginning at lat. 32°31'12"N., long. 84°50'11"W.; to lat. 32°31'52"N., long. 84°50'25"W.; to lat. 32°33'05"N., long. 84°45'27"W.; thence along the Central of Georgia Railroad to lat. 32°32'52"N., long. 84°45'00"W.; to lat. 32°32'43"N., long. 84°44'08"W.; to lat. 32°32'34"N., long.84°43'40"W.; to lat. 32°32'22"N., long. 84°43'13"W.; to lat. 32°32'18"N., long. 84°42'53"W.; to lat. 32°32'08"N., long. 84°42'38"W.; to lat. 32°32'05"N., long. 84°42'26"W.; to lat. 32°32'11"N., long. 84°42'12"W.; to lat. 32°32'13"N., long. 84°41'54"W.; to lat. 32°32'10"N., long. 84°41'38"W.; to lat. 32°32'06"N., long. 84°41'25"W.; to lat. 32°32'08"N., long. 84°41'17"W.; to lat. 32°32'15"N., long. 84°41'01"W.; to lat. 32°32'20"N., long. 84°40'56"W.; to lat. 32°32'07"N., long. 84°40'44"W.; to lat. 32°31'06"N., long. 84°41'43"W.; to lat. 32°31'04"N., long. 84°40'54"W.; to lat. 32°32'04"N., long. 84°38'16"W.; to lat. 32°29'16"N., long. 84°38'17"W.; to lat. 32°29'10"N., long. 84°39'25"W.; to lat. 32°18'35"N., long. 84°39'30"W.; to lat. 32°18'23"N., long. 84°41'09"W.; to lat. 32°19'03"N., long. 84°41'42"W.; thence to the point of beginning.
Designated altitudes. Surface to 8,000 feet MSL.
Time of designation. Intermittent, 0600-0200 local time, daily; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Atlanta TRACON.
Using agency. U.S. Army, Commanding General, Infantry Center and Fort Benning, GA.

AMENDMENTS 08/03/06 71 FR 26194 (Revised)

R-3002E Fort Benning, GA
Boundaries. Beginning at lat. 32°31'12"N., long. 84°50'11"W.; to lat. 32°31'52"N., long. 84°50'25"W.; to lat. 32°33'05"N., long. 84°45'27"W.; thence along the Central of Georgia Railroad to lat. 32°32'52"N., long. 84°45'00"W.; to lat. 32°32'43"N., long. 84°44'08"W.; to lat. 32°32'34"N., long. 84°43'40"W.; to lat. 32°32'22"N., long. 84°43'13"W.; to lat. 32°32'18"N., long. 84°42'53"W.; to lat. 32°32'08"N., long. 84°42'38"W.; to lat. 32°32'05"N., long. 84°42'26"W.; to lat. 32°32'11"N., long. 84°42'12"W.; to lat. 32°32'13"N., long. 84°41'54"W.; to lat. 32°32'10"N., long. 84°41'38"W.; to lat. 32°32'06"N., long. 84°41'25"W.; to lat. 32°32'08"N., long. 84°41'17"W.; to lat. 32°32'15"N., long. 84°41'01"W.; to lat. 32°32'20"N., long. 84°40'56"W.; to lat. 32°32'07"N., long. 84°40'44"W.; to lat. 32°31'06"N., long. 84°41'43"W.; to lat. 32°31'04"N., long. 84°40'54"W.; to lat. 32°32'04"N., long. 84°38'16"W.; to lat. 32°29'16"N., long. 84°38'17"W.; to lat. 32°29'10"N., long. 84°39'25"W.; to lat. 32°18'35"N., long. 84°39'30"W.; to lat. 32°18'23"N., long. 84°41'09"W.; to lat. 32°19'03"N., long. 84°41'42"W.; thence to the point of beginning.
Designated altitudes. 8,000 feet MSL to 14,000 feet MSL.

Time of designation. Intermittent by NOTAM 6 hours in advance.
Controlling agency. FAA, Atlanta TRACON.
Using agency. U.S. Army, Commanding General, Infantry Center and Fort Benning, GA.

AMENDMENTS 08/03/06 71 FR 26194 (Revised)

R-3002F Fort Benning, GA
Boundaries. Beginning at lat. 32°27'17"N., long. 84°52'10"W.; to lat. 32°28'46"N., long. 84°52'08"W.; to lat. 32°28'44"N., long. 84°50'47"W.; to lat. 32°29'43"N., long. 84°50'59"W.; to lat. 32°30'35"N., long. 84°50'50"W.; to lat. 32°30'39"N., long. 84°50'23"W.; to lat. 32°31'12"N., long. 84°50'11"W.; to lat. 32°31'52"N., long. 84°50'25"W.; to lat. 32°33'05"N., long. 84°45'27"W; thence along the Central of Georgia Railroad to lat. 32°32'52"N., long. 84°45'00"W.; to lat. 32°32'43"N., long. 84°44'08"W.; to lat. 32°32'34"N., long. 84°43'40"W.; to lat. 32°32'22"N., long. 84°43'13"W.; to lat. 32°32'18"N., long. 84°42'53"W.; to lat. 32°32'08"N., long. 84°42'38"W.; to lat. 32°32'05"N., long. 84°42'26"W.; to lat. 32°32'11"N., long. 84°42'12"W.; to lat. 32°32'13"N., long. 84°41'54"W.; to lat. 32°32'10"N., long. 84°41'38"W.; to lat. 32°32'06"N., long. 84°41'25"W.; to lat. 32°32'08"N., long. 84°41'17"W.; to lat. 32°32'15"N., long. 84°41'01"W.; to lat. 32°32'20"N., long. 84°40'56"W.; to lat. 32°32'07"N., long. 84°40'44"W.; to lat. 32°31'06"N., long. 84°41'43"W.; to lat. 32°31'04"N., long. 84°40'54"W.; to lat. 32°32'04"N., long. 84°38'16"W.; to lat. 32°29'16"N., long. 84°38'17"W.; to lat. 32°29'10"N., long. 84°39'25"W.; to lat. 32°18'35"N., long. 84°39'30"W.; to lat. 32°18'23"N., long. 84°41'09"W.; to lat. 32°19'03"N., long. 84°41'42"W.; thence along the Central of Georgia Railroad to lat. 32°19'09"N., long. 84°42'27"W.; to lat. 32°19'14"N., long. 84°42'52"W.; to lat. 32°19'23"N., long. 84°43'18"W.; to lat. 32°19'35"N., long. 84°43'49"W.; to lat. 32°19'43"N., long. 84°44'29"W.; to lat. 32°19'55"N., long. 84°45'06"W.; to lat. 32°20'13"N., long. 84°45'54"W.; to lat. 32°20'30"N., long. 84°46'32"W.; to lat. 32°20'53"N., long. 84°46'55"W.; to lat. 32°20'55"N., long. 84°47'38"W.; thence to the point of beginning.
Designated altitudes. 14,000 feet MSL to FL 250.
Time of designation. Intermittent by NOTAM 6 hours in advance.
Controlling agency. FAA, Atlanta TRACON.
Using agency. U.S. Army, Commanding General, Infantry Center and Fort Benning, GA.

AMENDMENTS 08/03/06 71 FR 26194 (Revised)

R-3002G Fort Benning, GA
Boundaries. Beginning at lat. 32°20'15"N., long. 84°58'36"W.; to lat. 32°15'34"N., long. 84°53'11"W.; to lat. 32°15'32"N., long. 84°54'02"W.; to lat. 32°15'04"N., long. 84°55'24"W.; to lat. 32°14'27"N., long. 84°54'50"W.; to lat. 32°14'25"N., long. 84°56'53"W.; to lat. 32°14'36"N., long. 84°56'53"W.; to lat. 32°14'38"N., long. 84°57'56"W.; to lat. 32°16'36"N., long. 84°57'58"W.; to lat. 32°16'36"N., long. 84°58'35"W.; to lat. 32°17'39"N., long. 84°58'35"W.; to lat. 32°17'40"N., long. 84°58'54"W.; thence to the point of beginning.
Designated altitudes. Surface to 14,000 feet MSL.
Time of designation. Intermittent, 0600-0200 Eastern time daily; other times by NOTAM 6 hours in advance.

Controlling agency. FAA, Atlanta TRACON.
Using agency. U.S. Army, Commanding General, Infantry Center and Fort Benning, GA.

AMENDMENTS 09/18/14 79 FR 38774 (Amended)

R-3004A Fort Gordon, GA
Boundaries. Beginning at lat. 33°21'54"N., long. 82°12"14"W.; to lat. 33°19'44"N., long. 82°12'14"W.; to lat. 33°16'21"N., long. 82°17'59"W.; to lat. 33°17'30"N., long. 82°22'59"W.; to lat. 33°21'16"N., long. 82°18'46"W.; to lat. 33°22'16"N., long. 82°16'59"W.; to the point of beginning.
Designated Altitudes. Surface to but not including 3,500 feet MSL.
Time of designation. By NOTAM 24 hours in advance.
Controlling agency. FAA, Atlanta ARTCC.
Using agency. U.S. Army, Commanding Officer, Fort Gordon, GA.
Aircraft activity is limited to the following terms and conditions:
1. Aircraft activities must not be conducted on weekends, national holidays, or from the Sunday prior to the Masters Golf Tournament through the Monday after (and subsequent weather days if required).
2. Aircraft activities may only be conducted from the surface to 12,000 feet AGL.
3. Weather conditions required for aircraft activities are 5 miles visibility and with prevailing clouds or obscuring phenomena no greater than five-tenths coverage of the sky and bases no lower than 3,000 feet AGL.

AMENDMENTS 12/07/17 82 FR 44513 (Amended)

R-3004B Fort Gordon, GA
Boundaries. Beginning at lat. 33°21'"54"N., long. 82°12'14"W.; to lat. 33°19'44"N., long. 82°12'14"W.; to lat. 33°16'21"N., long. 82°17'59"W.; to lat. 33°17'30"N., long. 82°22'59"W.; to lat. 33°21'16"N., long. 82°18'46"W.; to lat. 33°22'16"N., long. 82°16'59"W.; to the point of beginning.
Designated Altitudes. 3,500 feet MSL to but not including 7,000 feet MSL.
Time of designation. By NOTAM 24 hours in advance.
Controlling agency. FAA, Atlanta ARTCC.
Using agency. U.S. Army, Commanding Officer, Fort Gordon, GA.
Aircraft activity is limited to the following terms and conditions:
1. Aircraft activities must not be conducted on weekends, national holidays, or from the Sunday prior to the Masters Golf Tournament through the Monday after (and subsequent weather days if required).
2. Aircraft activities may only be conducted from the surface to 12,000 feet AGL.
3. Weather conditions required for aircraft activities are 5 miles visibility and with prevailing clouds or obscuring phenomena no greater than five-tenths coverage of the sky and bases no lower than 3,000 feet AGL.

AMENDMENTS 12/07/17 82 FR 44513 (Amended)

R-3004C Fort Gordon, GA
Boundaries. Beginning at lat. 33°21'54"N., long. 82°12'14"W.; to lat. 33°19'44"N., long. 82°12'14"W.; to lat. 33°16'21"N., long. 82°17'59"W.; to lat. 33°17'30"N., long. 82°22'59"W.; to lat. 33°21'16"N., long. 82°18'46"W.; to lat. 33°22'16"N., long. 82°16'59"W.; to the point of beginning.
Designated Altitudes. 7,000 feet MSL to 16,000 feet MSL.
Times of designation. By NOTAM 24 hours in advance.
Controlling agency. FAA, Atlanta ARTCC.
Using agency. U.S. Army, Commanding Officer, Fort Gordon, GA.
Aircraft activity is limited to the following terms and conditions:
1. Aircraft activities must not be conducted on weekends, national holidays, or from the Sunday prior to the Masters Golf Tournament through the Monday after (and subsequent weather days if required).
2. Aircraft activities may only be conducted from the surface to 12,000 feet AGL.
3. Weather conditions required for aircraft activities are 5 miles visibility and with prevailing clouds or obscuring phenomena no greater than five-tenths coverage of the sky and bases no lower than 3,000 feet AGL.

AMENDMENTS 12/07/17 82 FR 44513 (Amended)

R-3005A Fort Stewart, GA
Boundaries. Beginning at lat. 32°07'01"N., long. 81°43'29"W.; to lat. 31°56'01"N., long. 81°43'29"W.; thence west along Georgia Highway 144 to lat. 31°55'31"N., long. 81°52'59"W.; to lat. 31°57'01"N., long. 81°53'14"W.; to lat. 31°59'46"N., long. 81°51'05"W.; to lat. 32°02'22"N., long. 81°50'41"W.; to lat. 32°03'00"N., long. 81°51'25"W.; to lat. 32°05'25"N., long. 81°50'02"W.; to lat. 32°07'29"N., long. 81°47'16"W.; to the point of beginning.
Designated altitudes. Surface to 29,000 feet MSL.
Time of designation. 0600-2400 local time, Monday through Sunday; other times by NOTAM 24 hours in advance.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. Commander, U.S. Army Garrison, Fort Stewart, GA.

AMENDMENTS 06/03/10 75 FR 14069 (Amended)

R-3005B Fort Stewart, GA
Boundaries. Beginning at lat. 32°06'46"N., long. 81°36'59"W.; thence south along Georgia Highway 119 to lat. 31°54'01"N., long. 81°38'14"W.; thence northwest along Georgia Highway 144 to lat. 31°56'01"N., long. 81°43'29"W.; to lat. 32°07'01"N., long. 81°43'29"W.; to the point of beginning.
Designated altitudes. Surface to 29,000 feet MSL.

Time of designation. 0600-2400 local time, Monday through Sunday; other times by NOTAM 24 hours in advance.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. Commander, U.S. Army Garrison, Fort Stewart, GA.

AMENDMENTS 06/03/10 75 FR 14069 (Amended)

R-3005C Fort Stewart, GA
Boundaries. Beginning at lat. 32°04'46"N., long. 81°26'29"W.; to lat. 31°57'31"N., long. 81°26'29"W.; thence southwest along Georgia Highway 144 to lat. 31°53'12"N., long. 81°37'50"W.; thence north along Georgia Highway 119 to lat. 32°06'46"N., long. 81°36'59"W.; to lat. 32°06'16"N., long. 81°31'29"W.; to lat. 32°05'31"N., long. 81°31'29"W.; to lat. 32°05'16"N., long. 81°29'59"W.; to the point of beginning.
Designated altitudes. Surface to 29,000 feet MSL.
Time of designation. 0600-0300 local time, Monday through Sunday; other times by NOTAM 24 hours in advance.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. Commander, U.S. Army Garrison, Fort Stewart, GA.

AMENDMENTS 06/03/10 75 FR 14069 (Amended)

R-3005D Fort Stewart, GA
Boundaries. Beginning at lat. 31°57'31"N., long. 81°26'29"W.; to lat. 32°04'46"N., long. 81°26'29"W.; to lat. 32°04'16"N., long. 81°22'29"W.; thence along the Ogeechee River to lat. 32°00'31"N., long. 81°19'29"W.; to lat. 31°58'46"N., long. 81°19'44"W.; to lat. 31°56'16"N., long. 81°22'59"W.; to lat. 31°54'04"N., long. 81°28'44"W.; thence counterclockwise along the arc of a 5-mile radius circle centered at lat. 31°53'21"N., long. 81°33'44"W.; to lat. 31°56'49"N., long. 81°30'41"W.; thence east along Georgia Highway 144 to the point of beginning.
Designated altitudes. Surface to 29,000 feet MSL.
Time of designation. 0600-2400 local time, Monday through Sunday; other times by NOTAM 24 hours in advance.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. Commander, U.S. Army Garrison, Fort Stewart, GA.

AMENDMENTS 06/03/10 75 FR 14069 (Amended)

R-3005E Fort Stewart, GA
Boundaries. Beginning at lat. 31°54'01"N., long. 81°38'14"W.; to lat. 31°53'12"N., long. 81°37'50"W.; to lat. 31°52'21"N., long. 81°38'09"W.; to lat. 31°51'56"N., long. 81°39'49"W.; to lat. 31°51'31"N., long. 81°41'44"W.; to lat. 31°55'01"N., long. 81°52'59"W.; to lat. 31°55'31"N., long. 81°52'59"W.; thence east along Georgia Highway 144 to the point of beginning.
Designated altitudes. Surface to 29,000 feet MSL.

Time of designation. 0600-2400 local time, Monday through Sunday; other times by NOTAM 24 hours in advance.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. Commander, U.S. Army Garrison, Fort Stewart, GA.

AMENDMENTS 06/03/10 75 FR 14069 (Amended)

R-3007A Townsend, GA
Boundaries. Beginning at lat. 31°41'52"N., long. 81°35'53"W.; to lat. 31°42'31"N., long. 81°33'59"W.; to lat. 31°39'24"N., long. 81°30'31"W.; to lat. 31°37'49"N., long. 81°30'56"W.; to lat. 31°36'35"N., long. 81°31'15"W.; to lat. 31°34'17"N., long. 81°31'56"W.; to lat. 31°33'07"N., long. 81°32'41"W.; thence counterclockwise along a 1-NM radius arc from a point centered at lat. 31°32'26"N., long. 81°31'49"W.; to lat. 31°32'37"N., long. 81°32'58"W.; to lat. 31°30'59"N., long. 81°33'57"W.; to lat. 31°30'45"N., long. 81°34'19"W.; to lat. 31°30'29"N., long. 81°34'41"W.; to lat. 31°30'38"N., long. 81°35'06"W.; to lat. 31°31'13"N., long. 81°35'02"W.; to lat. 31°31'35"N., long. 81°36'32"W.; to lat. 31°33'04"N., long. 81°37'27"W.; to lat. 31°33'30"N., long. 81°36'32"W.; to lat. 31°34'25"N., long. 81°36'13"W.; to lat. 31°35'32"N., long. 81°35'59"W.; to lat. 31°35'55"N., long. 81°35'19"W.; to lat. 31°36'38"N., long. 81°35'18"W.; to lat. 31°36'43"N., long. 81°35'41"W.; to lat. 31°37'20"N., long. 81°35'37"W.; to lat. 31°37'23"N., long. 81°35'47"W.; to lat. 31°40'29"N., long. 81°36'13"W.; to lat. 31°40'48"N., long. 81°35'33"W.; to the point of beginning.
Designated altitudes. Surface to but not including 13,000 feet MSL.
Time of designation. 0700-2200 local time, Monday-Friday; other times by NOTAM at least 24 hours in advance.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. USMC, Marine Corps Air Station Beaufort, SC.

AMENDMENT 11/08/18 83 FR 43508 (Amended)

R-3007B Townsend, GA
Boundaries. Beginning at lat. 31°38'01"N., long. 81°28'59"W.; to lat. 31°37'31"N., long. 81°28'14"W.; to lat. 31°32'31"N., long. 81°27'29"W.; to lat. 31°26'16"N., long. 81°31'29"W.; to lat. 31°25'26"N., long. 81°36'05"W.; to lat. 31°27'26"N., long. 81°33'39"W.; to lat. 31°31'26"N., long. 81°31'58"W.; thence clockwise along a 1-NM radius arc from a point centered at lat. 31°32'26"N., long. 81°31'49"W.; to lat. 31°33'18"N., long. 81°31'13"W.; to the point of beginning.
Designated altitudes. 1,200 feet AGL to but not including 13,000 feet MSL.
Time of designation. 0700-2200 local time, Monday-Friday; other times by NOTAM at least 24 hours in advance.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. USMC, Marine Corps Air Station Beaufort, SC.

AMENDMENT 11/08/18 83 FR 43508 (Amended)

R-3007C Townsend, GA
Boundaries. Beginning at lat. 31°37'55"N., long. 81°47'20"W.; to lat. 31°41'52"N., long. 81°35'53"W.; to lat. 31°40'48"N., long. 81°35'33"W.; to lat. 31°40'29"N., long. 81°36'13"W.; to lat. 31°37'23"N., long. 81°35'47"W.; to lat. 31°37'20"N., long. 81°35'37"W.; to lat. 31°36'43"N., long. 81°35'41"W.; to lat. 31°36'38"N., long. 81°35'18"W.; to lat. 31°35'55"N., long. 81°35'19"W.; to lat. 31°35'32"N., long. 81°35'59"W.; to lat. 31°34'25"N., long. 81°36'13"W.; to lat. 31°33'30"N., long. 81°36'32"W.; to lat. 31°33'04"N., long. 81°37'27"W.; to lat. 31°31'35"N., long. 81°36'32"W.; to lat. 31°31'13"N., long. 81°35'02"W.; to lat. 31°30'38"N., long. 81°35'06"W.; to lat. 31°30'29"N., long. 81°34'41"W.; to lat. 31°30'45"N., long. 81°34'19"W.; to lat. 31°30'59"N., long. 81°33'57"W.; to lat. 31°32'37"N., long. 81°32'58"W.; thence counterclockwise along a 1-NM radius arc from a point centered at lat. 31°32'26"N., long. 81°31'49"W.; to lat. 31°31'26"N., long. 81°31'58"W.; to lat. 31°27'26"N., long. 81°33'39"W.; to lat. 31°25'26"N., long. 81°36'05"W.; thence west along the Altamaha River to the point of beginning.
Designated altitudes. 100 feet AGL to but not including 13,000 feet MSL.
Time of designation. 0700-2200 local time, Monday-Friday; other times by NOTAM at least 24 hours in advance.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. USMC, Marine Corps Air Station Beaufort, SC.

AMENDMENT 11/08/18 83 FR 43508 (Amended)

R-3007D Townsend, GA
Boundaries. Beginning at lat. 31°37'55" N, long. 81°47'20" W; to lat. 31°41'52" N, long. 81°35'53" W; to lat. 31°42'31" N, long. 81°33'59" W; to lat. 31°39'24" N, long. 81°30'31" W; to lat. 31°38'01" N, long. 81°28'59" W; to lat. 31°37'31" N, long. 81°28'14" W; to lat. 31°32'31" N, long. 81°27'29" W; to lat. 31°26'16" N, long. 81°31'29" W; to lat. 31°25'26" N, long. 81°36'05" W; thence northwest along the Altamaha River to the point of beginning.
Designated altitudes. 13,000 feet MSL to FL 250.
Time of designation. 0700-2200 local time, Monday-Friday; other times by NOTAM at least 24 hours in advance.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. USMC, Marine Corps Air Station Beaufort, SC.

AMENDMENT 11/08/18 83 FR 43508 (Amended)

R-3007E Townsend, GA
Boundaries. Beginning at lat. 31°39'24"N., long. 81°30'31'W.; to lat. 31°38'01"N., long. 81°28'59"W.; to lat. 31°33'18"N., long. 81°31'13"W.; thence counterclockwise along a 1-NM radius arc from a point centered at lat. 31°32'26"N., long. 81°31'49"W.; to lat. 31°33'07"N., long. 81°32'41"W.; to lat. 31°34'17"N., long. 81°31'56"W.; to lat. 31°36'35"N., long. 81°31'15"W.; to lat. 31°37'49"N.; long. 81°30'56"W.; to the point of beginning.
Designated altitudes. 100 feet AGL to but not including 13,000 feet MSL.

Time of designation. 0700-2200 local time, Monday-Friday; other times by NOTAM at least 24 hours in advance.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. USMC, Marine Corps Air Station Beaufort, SC.

AMENDMENT 11/08/18 83 FR 43508 (Added)

R-3008A Grand Bay Weapons Range, GA
Boundaries. Beginning at lat. 30°57'36"N., long. 83°11'05"W.; to lat. 30°59'13"N., long. 83°10'00"W.; to lat. 30°59'13"N., long. 83°07'53"W.; to lat. 30°58'31"N., long. 83°07'53"W.; to lat. 30°58'31"N., long. 83°07'45"W.; to lat. 30°57'44"N., long. 83°07'45"W.; to lat. 30°57'44"N., long. 83°08'05"W.; to lat. 30°56'56"N., long. 83°08'05"W.; to lat. 30°56'24"N., long. 83°08'43"W.; to lat. 30°56'51"N., long. 83°10'00"W.; to the point of beginning.
Designated altitudes. Surface to 10,000 feet MSL.
Time of designation. 0800-0130 local time Monday-Thursday; 0800-2200 local time Friday; other times by NOTAM 6 hours in advance.
Controlling agency. U.S. Air Force, Valdosta Approach Control.
Using agency. U.S. Air Force, 23rd Wing, Moody AFB, GA.

AMENDMENT 04/22/21 86 FR 11421 (Amended)

R-3008B Grand Bay Weapons Range, GA
Boundaries. Beginning at lat. 30°59'13"N., long. 83°10'00"W.; to lat. 31°02'01"N., long. 83°09'00"W.; to lat. 31°01'31"N., long. 83°06'00"W.; to lat. 30°54'31"N., long. 83°06'00"W.; to lat. 30°53'31"N., long. 83°09'00"W.; to lat. 30°56'51"N., long. 83°10'00"W.; to lat. 30°56'24"N., long. 83°08'43"W.; to lat. 30°56'56"N., long. 83°08'05"W.; to lat. 30°57'44"N., long. 83°08'05"W.; to lat. 30°57'44"N., long. 83°07'45"W.; to lat. 30°58'31"N., long. 83°07'45"W.; to lat. 30°58'31"N., long. 83°07'53"W.; to lat. 30°59'13"N., long. 83°07'53"W.; to the point of beginning.
Designated altitudes. 100 feet AGL to 10,000 feet MSL.
Time of designation. 0800-0130 local time Monday-Thursday; 0800-2200 local time Friday; other times by NOTAM 6 hours in advance.
Controlling agency. U.S. Air Force, Valdosta Approach Control.
Using agency. U.S. Air Force, 23rd Wing, Moody AFB, GA.

AMENDMENT 04/22/21 86 FR 11421 (Amended)

R-3008C Grand Bay Weapons Range, GA
Boundaries. Beginning at lat. 31°04'01"N., long. 83°01'00"W.; to lat. 31°04'01"N., long. 83°08'00"W.; to lat. 31°02'01"N., long. 83°09'00"W.; to lat. 31°01'31"N., long. 83°06'00"W.; to lat. 30°54'31"N., long. 83°06'00"W.; to lat. 30°53'31"N., long. 83°09'00"W.; to lat. 30°51'01"N., long. 83°08'00"W.; to lat. 30°51'01"N., long. 83°01'00"W.; to the point of beginning.

Designated altitudes. 500 feet AGL to 10,000 feet MSL, excluding that airspace below 1,500 feet AGL within one nautical mile of Lakeland, GA. (One-nautical-mile radius centered at lat. 31°02'31"N., long. 83°04'15"W.).
Time of designation. 0800-0130 local time Monday-Thursday; 0800-2200 local time Friday; other times by NOTAM 6 hours in advance.
Controlling agency. U.S. Air Force, Valdosta Approach Control.
Using agency. U.S. Air Force, 23rd Wing, Moody AFB, GA.

AMENDMENT 04/22/21 86 FR 11421 (Amended)

R-3008D Grand Bay Weapons Range, GA
Boundaries. Beginning at lat. 31°04'01"N., long. 83°01'00"W.; to lat. 30°51'01"N., long. 83°01'00"W.; to lat. 30°51'01"N., long. 83°08'00"W.; to lat. 30°53'31"N., long. 83°09'00"W.; to lat. 30°56'51"N., long. 83°10'00"W.; to lat. 30°57'36"N., long. 83°11'05"W.; to lat. 30°59'13"N., long. 83°10'00"W.; to lat. 31°02'01"N., long. 83°09'00"W.; to lat. 31°04'01"N., long. 83°08'00"W.; to the point of beginning.
Designated altitudes. 10,000 feet MSL to but not including FL 230.
Time of designation. 0800-0130 local time Monday-Thursday; 0800-2200 local time Friday; other times by NOTAM 6 hours in advance.
Controlling agency. U.S. Air Force, Valdosta Approach Control.
Using agency. U.S. Air Force, 23rd Wing, Moody AFB, GA.

AMENDMENT 04/22/21 86 FR 11421 (Amended)

§ 73.31 Hawaii (HI)

R-3101 PMRFAC FOUR, HI
Boundaries. Beginning at lat. 22°12'48"N., long. 159°41'50"W.; to lat. 22°09'34"N., long. 159°41'50"W.; thence counterclockwise along the shoreline of Kauai to lat. 22°04'25"N., long. 159°46'10"W.; to lat. 22°04'14"N., long. 159°45'56"W.; to lat. 22°03'44"N., long.159°46'19"W.; to lat. 22°01'34"N., long. 159°46'43"W.; to lat. 22°00'56"N., long. 159°46'10"W.; to lat. 22°00'44"N., long. 159°45'43"W.; to lat. 21°59'41"N., long. 159°45'04"W.; to lat. 21°59'24"N., long. 159°45'45"W.; thence counterclockwise along the shoreline of Kauai to lat. 21°58'14"N., long. 159°43'25"W.; to lat. 21°58'19"N., long. 159°48'45"W.; thence clockwise along a line 3 nautical miles from the shoreline of Kauai to the point of beginning.
Designated altitudes. Surface to unlimited.
Time of designation. 0600-1800 local time Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Honolulu Control Facility.
Using agency. Commanding Officer, Pacific Missile Range Facility, HI, (COPMRFAC HAWAII).

AMENDMENTS 12/22/05 70 FR 58607 (Amended)

R-3103 Humuula, HI
Boundaries. Beginning at lat. 19°48'14"N., long. 155°37'20"W.; to lat. 19°43'19"N., long. 155°29'10"W.; to lat. 19°34'49"N., long. 155°34'20"W.; to lat. 19°34'49"N., long.155°40'15"W.; to lat. 19°40'04"N., long. 155°43'35"W.; to lat. 19°46'29"N., long. 155°42'10"W.; to the point of beginning.
Designated altitudes. Surface to 30,000 feet MSL.
Time of designation. Intermittent, activated by NOTAM at least 12 hours in advance.
Controlling agency. FAA, Honolulu Control Facility.
Using agency. Commanding General, U. S. Army, HI, Schofield Barracks, HI.

AMENDMENTS 12/22/05 70 FR 58607 (Amended)

R-3107 Kaula Rock, HI
Boundaries. The airspace within 3 nautical miles of the Island of Kaula (lat. 21°39'16"N., long. 160°32'20"W.).
Designated altitudes. Surface to FL 180.
Time of designation. 0700-2200 local time Monday-Friday; 0800-1600 local time Saturday-Sunday; other times by NOTAM issued at least 24 hours in advance.
Controlling agency. FAA, Honolulu Control Facility.
Using agency. U.S. Navy, Commander, Fleet Area Control and Surveillance Facility, Pearl Harbor, HI.

AMENDMENTS 12/22/05 70 FR 58607 (Amended)

R-3109A Schofield-Makua, Oahu, HI
Boundaries. Beginning at lat. 21°30'29"N., long. 158°08'40"W.; to lat. 21°31'04"N., long. 158°06'30"W.; to lat. 21°31'19"N., long. 158°05'25"W.; to lat. 21°31'03"N., long.158°04'30"W.; to lat. 21°30'18"N., long. 158°03'59"W.; to lat. 21°29'14"N., long. 158°04'50"W.; to lat. 21°27'17"N., long. 158°05'45"W.; to lat. 21°29'00"N., long. 158°07'25"W.; to lat. 21°29'19"N., long. 158°08'30"W.; to the point of beginning.
Designated altitudes. Surface to but not including 9,000 feet MSL.
Time of designation. Intermittent by NOTAM.
Controlling agency. FAA, Honolulu Control Facility.
Using agency. U.S. Army, HI, Schofield Barracks, HI.

AMENDMENTS 12/22/05 70 FR 58607 (Amended)

R-3109B Schofield-Makua, Oahu, HI
Boundaries. Beginning at lat. 21°30'18"N., long. 158°03'59"W.; to lat. 21°29'14"N., long. 158°04'50"W.; to lat. 21°27'17"N., long. 158°05'45"W.; to lat. 21°29'00"N., long.158°07'25"W.; to lat. 21°29'19"N., long. 158°08'30"W.; to lat. 21°33'04"N., long. 158°08'30"W.; to lat. 21°32'03"N., long. 158°05'02"W.; to the point of beginning.
Designated altitudes. From 9,000 feet MSL to but not including 19,000 feet MSL.

Time of designation. Intermittent.
Controlling agency. FAA, Honolulu Control Facility.
Using agency. U.S. Army, HI, Schofield Barracks, HI.

AMENDMENTS 12/22/05 70 FR 58607 (Amended)

R-3109C Schofield-Makua, Oahu, HI
Boundaries. Beginning at lat. 21°33'04"N., long. 158°08'30"W.; to lat. 21°32'03"N., long. 158°05'02"W.; to lat. 21°31'03"N., long. 158°04'30"W.; to lat. 21°31'19"N., long. 158°05'25"W.; to lat. 21°31'04"N., long. 158°06'30"W.; to lat. 21°30'29"N., long. 158°08'40"W.; to the point of beginning.
Designated altitudes. Surface to but not including 9,000 feet MSL.
Time of designation. Intermittent by NOTAM.
Controlling agency. FAA, Honolulu Control Facility.
Using agency. U.S. Army, Schofield Barracks, HI.

AMENDMENTS 12/22/05 70 FR 58607 (Amended)

R-3110A Schofield-Makua, Oahu, HI
Boundaries. Beginning at lat. 21°29'19"N., long. 158°08'30"W.; to lat. 21°30'49"N., long. 158°13'50"W.; to lat. 21°32'19"N., long. 158°14'20"W.; to lat. 21°33'04"N., long.158°15'05"W.; to lat. 21°34'04"N., long. 158°15'05"W.; to lat. 21°32'39"N., long. 158°12'00"W.; to lat. 21°31'49"N., long. 158°10'50"W.; to lat. 21°31'14"N., long. 158°10'35"W.; to lat. 21°30'29"N., long. 158°09'30"W.; to lat. 21°30'29"N., long. 158°08'40"W.; to the point of beginning.
Designated altitudes. Surface to but not including 9,000 feet MSL.
Time of designation. Intermittent by NOTAM.
Controlling agency. FAA, Honolulu Control Facility.
Using agency. U.S. Army, HI, Schofield Barracks, HI.

AMENDMENTS 12/22/05 70 FR 58607 (Amended)

R-3110B Schofield-Makua, Oahu, HI
Boundaries. Beginning at lat. 21°29'19"N., long. 158°08'30"W.; to lat. 21°30'49"N., long. 158°13'50"W.; to lat. 21°32'19"N., long. 158°14'20"W.; to lat. 21°33'04"N., long.158°15'05"W.; to lat. 21°34'19"N., long. 158°15'05"W.; to lat. 21°34'19"N., long. 158°13'05"W.; to lat. 21°33'04"N., long. 158°08'30"W.; to the point of beginning.
Designated altitudes. From 9,000 feet MSL to but not including 19,000 feet MSL.
Time of designation. Intermittent.
Controlling agency. FAA, Honolulu Control Facility.
Using agency. U. S. Army, HI, Schofield Barracks, HI.

AMENDMENTS 12/22/05 70 FR 58607 (Amended)

R-3110C Schofield-Makua, Oahu, HI
Boundaries. Beginning at lat. 21°33'04"N., long. 158°08'30"W.; to lat. 21°30'29"N., long. 158°08'40"W.; to lat. 21°30'29"N., long. 158°09'30"W.; to lat. 21°31'14"N., long.158°10'35"W.; to lat. 21°31'49"N., long. 158°10'50"W.; to lat. 21°32'39"N., long. 158°12'00"W.; to lat. 21°34'04"N., long. 158°15'05"W.; to lat. 21°34'19"N., long. 158°15'05"W.; to lat. 21°34'19"N., long. 158°13'05"W.; to the point of beginning.
Designated altitudes. Surface to but not including 9,000 feet MSL.
Time of designation. Intermittent by NOTAM.
Controlling agency. FAA, Honolulu Control Facility.
Using agency. U.S. Army, Schofield Barracks, HI.

AMENDMENTS 12/22/05 70 FR 58607 (Amended)

§ 73.32 Idaho (ID)

R-3202 Saylor Creek High, ID
Boundaries. Beginning at lat. 42°53'00"N., long. 115°42'20"W.; at lat. 42°53'00"N., long. 115°24'15"W.; at lat. 42°36'00"N., long. 115°24'15"W.; at lat. 42°36'00"N., long. 115°42'20"W.; to the point of beginning.
Designated altitudes. FL 180 to FL 290.
Times of use. 0730-2200 local time, Monday through Friday, other times by NOTAM.
Controlling agency. FAA, Salt Lake City, ARTCC.
Using agency. USAF, 366th Wing, Mountain Home AFB, ID.

AMENDMENTS 09/06/01 66 FR 34808 (Added)

R-3202 Saylor Creek Low, ID
Boundaries. Beginning at lat. 42°53'00"N., long. 115°42'20"W.; at lat. 42°53'00"N., long. 115°24'15"W.; at lat. 42°36'00"N., long. 115°24'15"W.; at lat. 42°36'00"N., long. 115°42'20"W.; to the point of beginning.
Designated altitudes. Surface to but not including FL 180.
Times of use. 0730-2200 local time, Monday through Friday, other times by NOTAM.
Controlling agency. FAA, Salt Lake City, ARTCC.
Using agency. USAF, 366th Wing, Mountain Home AFB, ID.

AMENDMENTS 09/06/01 66 FR 34808 (Added)

R-3203A Boise, ID
Boundaries. Beginning at lat. 43°17'00"N., long. 116°12'03"W.; to lat. 43°17'00"N., long. 116°05'03"W.; to lat. 43°15'00"N., long. 116°01'03"W.; to lat. 43°12'30"N., long.116°00'33"W.; to lat. 43°06'00"N., long. 116°07'18"W.; to lat. 43°10'00"N., long. 116°16'33"W.; to lat. 43°14'00"N., long. 116°16'33"W.; to the point of beginning.

Designated altitudes. Surface to 15,000 feet MSL.
Time of designation. By NOTAM, 24 hours in advance.
Controlling agency. FAA, Salt Lake ARTCC.
Using agency. Idaho Army National Guard.

R-3203B Boise, ID
Boundaries. Beginning at lat. 43°17'00"N., long. 116°12'03"W.; to lat. 43°17'00"N., long. 116°05'03"W.; to lat. 43°15'00"N., long. 116°01'03"W.; to lat. 43°12'30"N., long.116°00'33"W.; to lat. 43°06'00"N., long. 116°07'18"W.; to lat. 43°10'00"N., long. 116°16'33"W.; to lat. 43°14'00"N., long. 116°16'33"W.; to the point of beginning.
Designated altitudes. 15,000 feet MSL to and including 22,000 feet MSL.
Times of designation. By NOTAM, 24 hours in advance.
Controlling agency. FAA, Salt Lake ARTCC.
Using agency. Idaho Army National Guard.

R-3203C Boise, ID
Boundaries. Beginning at lat. 43°12'30"N., long. 116°00'33"W.; to lat. 43°09'15"N., long. 116°00'03"W.; to lat. 43°06'00"N., long. 116°07'18"W.; to the point of beginning.
Designated altitudes. Surface to and including 6,000 feet MSL.
Times of designation. By NOTAM, 24 hours in advance.
Controlling agency. FAA, Salt Lake ARTCC.
Using agency. Idaho Army National Guard.

R-3203D Boise, ID
Boundaries. Beginning at lat. 43°14'00"N., long. 116°16'33"W.; at lat. 43°17'51"N., long. 116°16'25"W.; at lat. 43°19'02"N., long. 116°14'45"W.; at lat. 43°19'02"N., long.116°06'36"W.; at lat. 43°15'58"N., long. 116°01'12"W.; at lat. 43°15'00"N., long. 116°01'03"W.; at lat. 43°17'00"N., long. 116°05'03"W.; at lat. 43°17'00"N., long. 116°12'03"W.; to the point of beginning.
Designated altitudes. Surface to and including 22,000 feet MSL.
Times of use. As scheduled by NOTAM 24 hours in advance not to exceed three weeks annually.
Controlling agency. FAA Boise ATCT.
Using agency. Commanding General Idaho Army National Guard.

AMENDMENTS 03/22/01 65 FR 78915 (Added)

R-3204A Juniper Buttes, ID
Boundaries. Beginning at lat. 42°20'00"N., long. 115°22'30"W.; at lat. 42°20'00"N., long. 115°18'00"W.; at lat. 42°19'00"N., long. 115°17'00"W.; at lat. 42°16'35"N., long. 115°17'00"W.; at lat. 42°16'35"N., long. 115°22'30"W.; to point of beginning.
Designated altitudes. Surface to 100 feet AGL.
Times of use. 0730-2200 local time, Monday through Friday, other times by NOTAM.

Controlling agency. FAA, Salt Lake City, ARTCC.
Using agency. USAF, 366th Wing, Mountain Home AFB, ID.

AMENDMENTS 09/06/01 66 FR 34808 (Added) Corr: 66 FR 50310

R-3204B Juniper Buttes, ID
Boundaries. The airspace within a 5-NM radius centered on lat. 42°18'00"N., long. 115°20'00"W.
Designated altitudes. 100 feet AGL to but not including FL 180.
Times of use. 0730-2200 local time, Monday through Friday, other times by NOTAM.
Controlling agency. FAA, Salt Lake City, ARTCC.
Using agency. USAF, 366th Wing, Mountain Home AFB, ID.

AMENDMENTS 09/06/01 66 FR 34808 (Added)

R-3204C Juniper Buttes, ID
Boundaries. The airspace within a 5-NM radius centered on lat. 42°18'00"N., long. 115°20'00"W.
Designated altitudes. FL 180 to FL 290.
Times of use. 0730-2200 local time, Monday through Friday, other times by NOTAM.
Controlling agency. FAA, Salt Lake City, ARTCC.
Using agency. USAF, 366th Wing, Mountain Home AFB, ID.

AMENDMENTS 09/06/01 66 FR 34808 (Added)

§ 73.33 Illinois (IL)

§ 73.34 Indiana (IN)

R-3401A Atterbury Reserve Forces Training Area, IN
Boundaries. Beginning at lat. 39°21'30"N., long. 86°06'00"W.; to lat. 39°21'30"N., long. 85°59'30"W.; to lat. 39°13'00"N., long. 85°59'30"W.; to lat. 39°13'00"N., long. 86°06'00"W.; to the point of beginning.
Designated altitudes. Surface to 40,000 feet MSL.
Time of designation. May 1 through September 30 - Continuous; October 1 through April 30 - 0800-2300 local time, Tuesday through Saturday; other times by NOTAM.
Controlling agency. FAA, Indianapolis ARTCC.
Using agency. Adjutant General, State of Indiana, Indianapolis, IN.

AMENDMENTS 06/04/87 52 FR 11034 (Amended)

R-3401B Atterbury Reserve Forces Training Area, IN
Boundaries. Beginning at lat. 39°22'00"N., long. 86°06'40"W.; to lat. 39°22'00"N., long. 85°59'30"W.; to lat. 39°21'30"N., long. 85°59'30"W.; to lat. 39°21'30"N., long. 86°06'00"W.; to lat. 39°13'00"N., long. 86°06'00"W.; to lat. 39°13'00"N., long. 85°59'30"W.; to lat. 39°12'30"N., long. 85°59'30"W.; to lat. 39°12'30"N., long. 86°09'50"W.; to lat. 39°19'00"N., long. 86°11'20"W.; to the point of beginning.
Designated altitude. 1,200 feet AGL to and including 14,000 feet MSL.
Time of designation. May 1 through September 30 - Continuous; October 1 through April 30 - 0800-2300 local time, Tuesday through Saturday; other times by NOTAM.
Controlling agency. FAA, Indianapolis ARTCC.
Using agency. Adjutant General, State of Indiana, Indianapolis, IN.

AMENDMENTS 06/04/87 52 FR 11034 (Amended)

R-3403A Jefferson Proving Ground, IN
Boundaries. Beginning at lat. 39°02'57"N., long. 85°27'42"W.; to lat. 39°02'00"N., long. 85°22'00"W.; to lat. 38°56'06"N., long. 85°22'00"W.; to lat. 38°50'35"N., long. 85°22'50"W.; to lat. 38°50'00"N., long. 85°24'00"W.; to lat. 38°50'00"N., long. 85°27'42"W.; to the point of beginning.
Designated altitudes. Surface to 43,000 feet MSL.
Time of designation. Daily, 0630 to 2400, local time.
Controlling agency. FAA, Indianapolis ARTCC.
Using agency. Adjutant General, Indiana National Guard.

AMENDMENTS 11/09/95 60 FR 43708 (Amended)

R-3403B Jefferson Proving Ground, IN
Boundaries. Beginning at lat. 39°05'00"N., long. 85°30'00"W.; to lat. 39°05'00"N., long. 85°22'00"W.; to lat. 39°02'00"N., long. 85°22'00"W.; to lat. 39°02'57"N., long. 85°27'42"W.; to lat. 38°55'00"N., long. 85°27'42"W.; to lat. 38°57'30"N., long. 85°30'00"W.; to the point of beginning.
Designated altitudes. 1,200 feet AGL to FL 180.
Time of designation. Daily, 0800 to 2300, local time.
Controlling agency. FAA, Indianapolis ARTCC.
Using agency. Adjutant General, Indiana National Guard.

AMENDMENTS 02/02/95 59 FR 55996 (Amended)

R-3404 Crane, IN
Boundaries. That airspace within a 1 NM radius of lat. 38°49'30"N., long. 86°50'08"W.
Designated altitudes. Surface to and including 4,100 feet MSL.
Time of designation. Sunrise to sunset, daily from May 1 through and including November 1. Other times by NOTAM 24 hours in advance.

Controlling agency. FAA, Terre Haute ATCT.
Using agency. U.S. Navy, Crane Division, Naval Surface Warfare Center tenant of NSA Crane.

AMENDMENTS 09/23/10 75 FR 42598 (Revised)

R-3405 Sullivan, IN
Boundaries. Beginning at lat. 39°07'41"N., long. 87°22'02"W.; to lat. 39°07'41"N., long. 87°21'29"W.; to lat. 39°07'39"N., long. 87°21'29"W.; to lat. 39°07'39"N., long. 87°21'26"W to lat. 39°07'41"N., long. 87°21'25"W.; to lat. 39°07'41"N., long. 87°21'12"W.; to lat. 39°07'00"N., long. 87°21'08"W.; to lat. 39°07'00"N., long. 87°21'46"W.; to lat. 39°06'36"N., long. 87°21'47"W.; to lat. 39°06'36"N., long. 87°22'03"W.; to the point of beginning.
Designated altitudes. Surface up to and including 1,600 feet MSL.
Times of Designation. By NOTAM 24 hours in advance.
Controlling Agency. FAA, Terre Haute ATCT.
Using Agency. U.S. Navy, Naval Support Activity Crane, IN.

AMENDMENTS 09/23/10 75 FR 43399 (Added)

§ 73.35 Iowa (IA)

§ 73.36 Kansas (KS)

R-3601A Brookville, KS
Boundaries. Beginning at lat. 38°45'20"N., long. 97°46'01"W.; to lat. 38°39'45"N., long. 97°46'01"W.; to lat. 38°38'20"N., long. 97°47'31"W.; to lat. 38°38'20"N., long. 97°50'01"W.; to lat. 38°35'00"N., long. 97°50'01"W.; to lat. 38°35'00"N., long. 97°56'01"W.; to lat. 38°45'20"N., long. 97°56'01"W.; to the point of beginning.
Designated altitudes. Surface to but not including FL180.
Time of designation. Monday through Saturday, 0900 to 1700 local time; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Kansas City ARTCC.
Using agency. U.S. Air Force, Air National Guard, 184th Air Refueling Wing, Detachment 1, Smoky Hill ANG Range, Salina, KS.

AMENDMENT 12/10/15 80 FR 60528 (Amended)

R-3601B Brookville, KS
Boundaries. Beginning at lat. 38°45'20"N., long. 97°46'01"W.; to lat. 38°39'45"N., long. 97°46'01"W.; to lat. 38°38'20"N., long. 97°47'31"W.; to lat. 38°38'20"N., long. 97°50'01"W.; to lat. 38°35'00"N., long. 97°50'01"W.; to lat. 38°35'00"N., long. 97°56'01"W.; to lat. 38°45 20"N., long. 97°56'01"W.; to the point of beginning.

Designated altitudes. FL180 to FL230.
Time of designation. Monday through Saturday, 0900 to 1700 local time; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Kansas City ARTCC.
Using agency. U.S. Air Force, Air National Guard, 184th Air Refueling Wing, Detachment 1, Smoky Hill ANG Range, Salina, KS.

AMENDMENT 12/10/15 80 FR 60528 (Amended)

R-3602A Manhattan, KS
Boundaries. Beginning at lat. 39°17'45"N., long. 96°49'51"W.; to lat. 39°17'54"N., long. 96°50'12"W.; to lat. 39°17'43"N., long. 96°52'27"W.; to lat. 39°18'21"N., long. 96°53'49"W.; to lat. 39°18'09"N., long. 96°55'04"W.; to lat. 39°18'23"N., long. 96°55'59"W.; to lat. 39°18'24"N., long. 96°57'39"W.; to lat. 39°12'40"N., long. 96°57'40"W.; thence along the shoreline of the main body of Milford Reservoir to lat. 39°10'58"N., long. 96°54'39"W.; to lat. 39°10'58"N., long. 96°53'14"W.; to lat. 39°08'22"N., long. 96°53'14"W.; to lat. 39°08'22"N., long. 96°49'53"W.; to the point of beginning.
Designated altitudes. Surface to FL 290.
Time of designation. Continuous.
Controlling agency. FAA, Kansas City ARTCC.
Using agency. U.S. Army, Commanding General, Fort Riley, KS.

AMENDMENT 12/10/15 80 FR 61727 (Amended)

R-3602B Manhattan, KS
Boundaries. Beginning at lat. 39°17'45"N., long. 96°49'51"W.; to lat. 39°08'22"N., long. 96°49'53"W.; to lat. 39°07'54"N., long. 96°49'53"W.; to lat. 39°04'24"N., long. 96°52'23"W.; to lat. 39°04'24"N., long. 96°51'16"W.; thence clockwise along the arc of a 4 nautical mile radius circle centered on the Cavalry NDB at lat. 39°01'34"N., long. 96°47'40"W.; to lat. 39°05'25"N., long. 96°46'18"W.; to lat. 39°06'25"N., long. 96°44'41"W.; to lat. 39°08'20"N., long. 96°43'01"W.; to lat. 39°09'23"N., long. 96°43'01"W.; to lat. 39°10'43"N., long. 96°40'56"W.; to lat. 39°12'17"N., long. 96°40'56"W.; to lat. 39°13'00"N., long. 96°42'36"W.; to lat. 39°13'15"N., long. 96°42'36"W.; to lat. 39°13'59"N., long. 96°45'25"W.; to lat. 39°14'34"N., long. 96°45'58"W.; to lat. 39°15'20"N., long. 96°46'29"W.; to lat. 39°16'57"N., long. 96°48'47"W.; to the point of beginning.
Designated altitudes. Surface to FL 290.
Time of designation. Continuous.
Controlling agency. FAA, Kansas City ARTCC.
Using agency. U.S. Army, Commanding General, Fort Riley, KS.

AMENDMENT 12/10/15 80 FR 61727 (Amended)

§ 73.37 Kentucky (KY)

R-3701A Fort Campbell, KY
Boundaries. Beginning at lat. 36°39'01"N., long. 87°34'15"W.; to lat. 36°39'01"N., long. 87°32'27"W.; to lat. 36°39'05"N., long. 87°31'18"W.; to lat. 36°39'20"N., long. 87°30'35"W.; to lat. 36°39'06"N., long. 87°28'57"W.; to lat. 36°39'18"N., long. 87°28'41"W.; to lat. 36°37'54"N., long. 87°28'38"W.; to lat. 36°37'09"N., long. 87°28'57"W.; to lat. 36°37'18"N., long. 87°32'05"W.; to lat. 36°37'22"N., long. 87°34'15"W.; to the point of beginning.
Designated altitudes. Surface to and including 5,000 feet MSL.
Time of designation. By NOTAM 24 hours in advance.
Controlling agency. U.S. Army, Fort Campbell Army Air Field Army Radar Approach Control.
Using agency. Commanding General, Fort Campbell, KY.

AMENDMENTS 12/13/90 55 FR 42363 (Amended)

R-3702A Fort Campbell, KY
Boundaries. Beginning at lat. 36°32'00"N., long. 87°32'30"W.; to lat. 36°37'18"N., long. 87°32'05"W.; to lat. 36°37'22"N., long. 87°34'15"W.; to lat. 36°39'01"N., long. 87°34'15"W.; to lat. 36°39'00"N., long. 87°40'00"W.; to lat. 36°42'00"N., long. 87°40'30"W.; to lat. 36°43'30"N., long. 87°43'00"W.; to lat. 36°43'30"N., long. 87°48'15"W.; to lat. 36°37'30"N., long. 87°48'15"W.; to lat. 36°35'30"N., long. 87°45'00"W.; to lat. 36°33'30"N., long. 87°42'30"W.; to lat. 36°32'00"N., long. 87°35'00"W.; to the point of beginning.
Designated altitudes. Surface to 10,000 feet MSL.
Time of designation. By NOTAM 24 hours in advance.
Controlling agency. FAA, Memphis ARTCC.
Using agency. Commanding General, Fort Campbell, KY.

AMENDMENTS 10/25/07 72 FR 45156 (Revised)

R-3702B Fort Campbell, KY
Boundaries. Beginning at lat. 36°32'00"N., long. 87°32'30"W.; to lat. 36°37'18"N., long. 87°32'05"W.; to lat. 36°37'22"N., long. 87°34'15"W.; to lat. 36°39'01"N., long. 87°34'15"W.; to lat. 36°39'00"N., long. 87°40'00"W.; to lat. 36°42'00"N., long. 87°40'30"W.; to lat. 36°43'30"N., long. 87°43'00"W.; to lat. 36°43'30"N., long. 87°48'15"W.; to lat. 36°37'30"N., long. 87°48'15"W.; to lat. 36°35'30"N., long. 87°45'00"W.; to lat. 36°33'30"N., long. 87°42'30"W.; to lat. 36°32'00"N., long. 87°35'00"W.; to the point of beginning.
Designated altitudes. 10,000 feet MSL to FL 220.
Time of designation. By NOTAM 24 hours in advance.
Controlling agency. FAA, Memphis ARTCC.
Using agency. Commanding General, Fort Campbell, KY.

AMENDMENTS 10/25/07 72 FR 45156 (Revised)

R-3702C Fort Campbell, KY
Boundaries. Beginning at lat. 36°32'00"N., long. 87°32'30"W.; to lat. 36°37'18"N., long. 87°32'05"W.; to lat. 36°37'22"N., long. 87°34'15"W.; to lat. 36°39'01"N., long. 87°34'15"W.; to lat. 36°39'00"N., long. 87°40'00"W.; to lat. 36°42'00"N., long. 87°40'30"W.; to lat. 36°43'30"N., long. 87°43'00"W.; to lat. 36°43'30"N., long. 87°48'15"W.; to lat. 36°37'30"N., long. 87°48'15"W.; to lat. 36°35'30"N., long. 87°45'00"W.; to lat. 36°33'30"N., long. 87°42'30"W.; to lat. 36°32'00"N., long. 87°35'00"W.; to the point of beginning.
Designated altitudes. FL 220 to FL 270.
Time of designation. By NOTAM 24 hours in advance.
Controlling agency. FAA, Memphis ARTCC.
Using agency. Commanding General, Fort Campbell, KY.

R-3704A Fort Knox, KY
Boundaries. Beginning at lat. 37°59'00"N., long. 85°45'00"W.; to lat. 37°47'30"N., long. 85°45'00"W.; to lat. 37°47'30"N., long. 85°55'30"W.; along U. S. Highway 31-W to lat. 37°50'45"N., long. 85°57'00"W.; along Wilson Road to lat. 37°55'17"N., long. 85°56'46"W.; to lat. 37°55'17"N., long. 85°57'16"W.; to lat. 37°56'04"N., long. 85°57'33"W.; to lat. 37°56'23"N., long. 85°57'00"W.; along Wilson Road to lat. 37°58'00"N., long. 85°57'45"W.; along the Illinois Central Railroad to lat. 37°59'00"N., long. 85°57'00"W.; to lat. 38°01'00"N., long. 85°54'30"W.; along Kentucky Route 44 to lat. 38°00'30"N., long. 85°52'00"W.; to lat. 37°59'00"N., long. 85°52'00"W.; to the point of beginning.
Designated altitudes. Surface to 10,000 feet MSL.
Time of designation. 0600 to 2400 eastern time; other times by NOTAM 24 hours in advance.
Controlling agency. FAA, Standiford Control Tower, Louisville, KY.
Using agency. Commanding General, Human Resources Center of Excellence, Fort Knox, KY.

AMENDMENTS 04/05/12 77 FR 3384 (Amended)

R-3704B Fort Knox, KY
Boundaries. Beginning at lat. 37°59'00"N., long. 85°45'00"W.; to lat. 37°47'30"N., long. 85°45'00"W.; to lat. 37°47'30"N., long. 85°55'30"W.; along U. S. Highway 31-W to lat. 37°50'45"N., long. 85°57'00"W.; along Wilson Road to lat. 37°55'17"N., long. 85°56'46"W.; to lat. 37°55'17"N., long. 85°57'16"W.; to lat. 37°56'04"N., long. 85°57'33"W.; to lat. 37°56'23"N., long. 85°57'00"W.; along Wilson Road to lat. 37°58'00"N., long. 85°57'45"W.; along the Illinois Central Railroad to lat. 37°59'00"N., long. 85°57'00"W.; to lat. 38°01'00"N., long. 85°54'30"W.; along Kentucky Route 44 to lat. 38°00'30"N., long. 85°52'00"W.; to lat. 37°59'00"N., long. 85°52'00"W.; to the point of beginning.
Designated altitudes. 10,001 feet MSL to 20,000 feet MSL.
Time of designation. By NOTAM 24 hours in advance.
Controlling agency. FAA, Indianapolis ARTCC.
Using agency. Commanding General, Human Resources Center of Excellence, Fort Knox, KY.

AMENDMENTS 04/05/12 77 FR 3384 (Amended)

§ 73.38 Louisiana (LA)

R-3801A Camp Claiborne, LA
Boundaries. Beginning at lat. 31°11'46"N., long. 92°30'16"W.; to lat. 31°05'16"N., long. 92°34'51"W.; to lat. 31°13'56"N., long. 92°49'46"W.; to lat. 31°18'01"N., long. 92°46'31"W.; to lat. 31°15'16"N., long. 92°41'46"W.; to lat. 31°17'11"N., long. 92°40'11"W.; to the point of beginning.
Designated altitudes. Surface to, but not including, 10,000 feet MSL.
Time of designation. 0800-2200 local time, Monday-Friday; other times by NOTAM.
Controlling agency. U.S. Army, Fort Polk Approach Control.
Using agency. U.S. Air Force, 307th Bomb Wing, Barksdale Air Force Base, LA.

AMENDMENTS 04/30/15 80 FR 11106 (Amended)

R-3801B Camp Claiborne, LA
Boundaries. Beginning at lat. 31°11'46"N., long. 92°30'16"W.; to lat. 31°05'16"N., long. 92°34'51"W.; to lat. 31°13'56"N., long. 92°49'46"W.; to lat. 31°18'01"N., long. 92°46'31"W.; to lat. 31°15'16"N., long. 92°41'46"W.; to lat. 31°17'11"N., long. 92°40'11"W.; to the point of beginning.
Designated altitudes. 10,000 feet MSL to, but not including, FL 180.
Time of designation. 0800-2200 local time, Monday-Friday; other times by NOTAM.
Controlling agency. U.S. Army, Fort Polk Approach Control.
Using agency. U.S. Air Force, 307th Bomb Wing, Barksdale Air Force Base, LA.

AMENDMENTS 04/30/15 80 FR 11106 (Amended)

R-3801C Camp Claiborne, LA
Boundaries. Beginning at lat. 31°11'46"N., long. 92°30'16"W.; to lat. 31°05'16"N., long. 92°34'51"W.; to lat. 31°13'56"N., long. 92°49'46"W.; to lat. 31°18'01"N., long. 92°46'31"W.; to lat. 31°15'16"N., long. 92°41'46"W.; to lat. 31°17'11"N., long. 92°40'11"W.; to the point of beginning.
Designated altitudes. FL 180 to FL 230.
Time of designation. 0800-2200 local time, Monday-Friday; other times by NOTAM.
Controlling agency. U.S. Army, Fort Polk Approach Control.
Using agency. U.S. Air Force, 307th Bomb Wing, Barksdale Air Force Base, LA.

AMENDMENTS 04/30/15 80 FR 11106 (Amended)

R-3803A Fort Polk, LA
Boundaries. Beginning at lat. 31°23'37"N., long. 93°09'58"W.; to lat. 31°23'13"N., long. 93°09'49"W.; to lat. 31°22'01"N., long. 93°10'06"W.; to lat. 31°19'17"N., long. 93°11'11"W.; to

lat. 31°19'17"N., long. 93°20'16"W.; to lat. 31°24'31"N., long. 93°20'16"W.; to lat. 31°24'31"N., long. 93°16'43"W.; to lat. 31°23'36"N., long. 93°13'25"W.; to the point of beginning.
Designated altitudes. Surface to but not including FL 180.
Time of designation. By NOTAM issued at least 4 hours in advance.
Controlling agency. FAA, Houston ARTCC.
Using agency. U.S. Army, Joint Readiness Training Center, Fort Polk, LA.

AMENDMENT 09/12/19 84 FR 33845 (Amended) Corr: 84 FR 35977

R-3803B Fort Polk, LA
Boundaries. Beginning at lat. 31°23'37"N., long. 93°09'58"W.; to lat. 31°23'13"N., long. 93°09'49"W.; to lat. 31°22'01"N., long. 93°10'06"W.; to lat. 31°19'17"N., long. 93°11'11"W.; to lat. 31°19'17"N., long. 93°20'16"W.; to lat. 31°24'31"N., long. 93°20'16"W.; to lat. 31°24'31"N., long. 93°16'43"W.; to lat. 31°23'36"N., long. 93°13'25"W.; to the point of beginning.
Designated altitudes. FL 180 to but not including FL 350.
Time of designation. By NOTAM issued at least 24 hours in advance.
Controlling agency. FAA, Houston ARTCC.
Using agency. U.S. Army, Joint Readiness Training Center, Fort Polk, LA.

AMENDMENT 09/12/19 84 FR 33845 (Amended) Corr: 84 FR 35977

R-3803C Fort Polk, LA
Boundaries. Beginning at lat. 31°19'17"N., long. 93°10'31"W.; to lat. 31°17'39"N., long. 93°11'07"W.; to lat. 31°14'25"N., long. 93°12'17"W.; to lat. 31°14'25"N., long. 93°14'40"W.; to lat. 31°15'32"N., long. 93°14'40"W.; to lat. 31°15'32"N., long. 93°17'00"W.; to lat. 31°19'17"N., long. 93°17'00"W.; to the point of beginning.
Designated altitudes. Surface to but not including FL 180.
Time of designation. By NOTAM issued at least 4 hours in advance.
Controlling agency. FAA, Houston ARTCC.
Using agency. U.S. Army, Joint Readiness Training Center, Fort Polk, LA.

AMENDMENT 09/12/19 84 FR 33845 (Added) Corr: 84 FR 35977

R-3803D Fort Polk, LA
Boundaries. Beginning at lat. 31°19'17"N., long. 93°03'29"W.; to lat. 31°14'53"N., long. 93°03'30"W.; to lat. 31°14'52"N., long. 93°08'52"W.; to lat. 31°14'51"N., long. 93°10'07"W.; to lat. 31°14'25"N., long. 93°10'06"W.; to lat. 31°14'25"N., long. 93°12'17"W.; to lat. 31°17'39"N., long. 93°11'07"W.; to lat. 31°19'17"N., long. 93°10'31"W.; to the point of beginning, excluding the airspace area from the surface to and including 1,200 feet AGL beginning at lat. 31°14'52"N., long. 93°08'52"W.; at lat. 31°14'51"N., long. 93°10'07"W.; at lat. 31°14'25"N., long. 93°10'06"W.; at lat. 31°14'25"N., long. 93°12'17"W.; at lat. 31°17'39"N., long. 93°11'07"W.; at lat. 31°17'04"N., long. 93°10'22"W.; at lat. 31°16'11"N., long. 93°10'22"W.; to the point of beginning of the excluded area.

Designated altitudes. Surface to but not including FL 180.
Time of designation. By NOTAM issued at least 4 hours in advance.
Controlling agency. FAA, Houston ARTCC.
Using agency. U.S. Army, Joint Readiness Training Center, Fort Polk, LA.

AMENDMENT 09/12/19 84 FR 33845 (Added) Corr: 84 FR 35977

R-3803E Fort Polk, LA
Boundaries. Beginning at lat. 31°19'17"N., long. 93°10'31"W.; to lat. 31°17'39"N., long. 93°11'07"W.; to lat. 31°14'25"N., long. 93°12'17"W.; to lat. 31°14'25"N., long. 93°14'40"W.; to lat. 31°15'32"N., long. 93°14'40"W.; to lat. 31°15'32"N., long. 93°17'00"W.; to lat. 31°19'17"N., long. 93°17'00"W.; to the point of beginning.
Designated altitudes. FL 180 to but not including FL 350.
Time of designation. By NOTAM issued at least 24 hours in advance.
Controlling agency. FAA, Houston ARTCC.
Using agency. U.S. Army, Joint Readiness Training Center, Fort Polk, LA.

AMENDMENT 09/12/19 84 FR 33845 (Added) Corr: 84 FR 35977

R-3803F Fort Polk, LA
Boundaries. Beginning at lat. 31°19'17"N., long. 93°03'29"W.; to lat. 31°14'53"N., long. 93°03'30"W.; to lat. 31°14'52"N., long. 93°08'52"W.; to lat. 31°14'51"N., long. 93°10'07"W.; to lat. 31°14'25"N., long. 93°10'06"W.; to lat. 31°14'25"N., long. 93°12'17"W.; to lat. 31°17'39"N., long. 93°11'07"W.; to lat. 31°19'17"N., long. 93°10'31"W.; to the point of beginning.
Designated altitudes. FL 180 to but not including FL 350.
Time of designation. By NOTAM issued at least 24 hours in advance.
Controlling agency. FAA, Houston ARTCC.
Using agency. U.S. Army, Joint Readiness Training Center, Fort Polk, LA.

AMENDMENT 09/12/19 84 FR 33845 (Added) Corr: 84 FR 35977

R-3804A Fort Polk, LA
Boundaries. Beginning at lat. 31°00'53"N., long. 93°08'12"W.; to lat. 31°00'53"N., long. 92°56'53"W.; to lat. 31°00'20"N., long. 92°56'14"W.; to lat. 31°00'20"N., long. 92°54'23"W.; to lat. 31°03'55"N., long. 92°51'34"W.; to lat. 31°09'35"N., long. 92°58'25"W.; to lat. 31°09'35"N., long. 93°00'56"W.; to lat. 31°08'43"N., long. 93°01'55"W.; to lat. 31°08'43"N., long. 93°08'12"W.; to the point of beginning.
Designated altitudes. Surface to FL 180.
Time of designation. By NOTAM.
Controlling agency. FAA, Houston ARTCC.
Using agency. U.S. Army, Commanding General, Fort Polk, LA.

AMENDMENT 10/15/15 80 FR 49134 (Amended)

R-3804B Fort Polk, LA
Boundaries. Beginning at lat. 31°00'53"N., long. 93°10'53"W.; to lat. 31°00'53"N., long. 93°08'12"W.; to lat. 31°08'43"N., long. 93°08'12"W.; to lat. 31°08'43"N., long. 93°11'00"W.; to lat. 31°04'56"N., long. 93°11'00"W.; to lat. 31°04'15"N., long. 93°12'31"W.; to the point of beginning.
Designated altitudes. Surface to but not including 10,000 feet MSL.
Time of designation. By NOTAM.
Controlling agency. FAA, Houston ARTCC.
Using agency. U.S. Army, Commanding General, Fort Polk, LA.

AMENDMENT 10/15/15 80 FR 49134 (Amended)

R-3804C Fort Polk, LA
Boundaries. Beginning at lat. 31°00'53"N., long. 93°08'12"W.; to lat. 31°00'53"N., long. 92°56'53"W.; to lat. 31°00'20"N., long. 92°56'14"W.; to lat. 31°00'20"N., long. 92°54'23"W.; to lat. 31°03'55"N., long. 92°51'34"W.; to lat. 31°09'35"N., long. 92°58'25"W.; to lat. 31°09'35"N., long. 93°00'56"W.; to lat. 31°08'43"N., long. 93°01'55"W.; to lat. 31°08'43"N., long. 93°08'12"W.; to the point of beginning.
Designated altitudes. FL 180 to but not including FL 350.
Time of designation. By NOTAM 24 hours in advance.
Controlling agency. FAA, Houston ARTCC.
Using agency. U.S. Army, Commanding General, Fort Polk, LA.

AMENDMENT 10/15/15 80 FR 49134 (Amended)

§ 73.39 Maine (ME)

§ 73.40 Maryland (MD)

R-4001A Aberdeen, MD
Boundaries. Beginning at lat. 39°30'30"N., long. 76°09'59"W.; to lat. 39°29'00"N., long. 76°07'59"W.; to lat. 39°29'30"N., long. 76°04'59"W.; to lat. 39°27'00"N., long. 76°00'29"W.; to lat. 39°19'47"N., long. 76°11'33"W.; to lat. 39°17'30"N., long. 76°12'58"W.; to lat. 39°16'24"N., long. 76°16'17"W.; to lat. 39°17'13"N., long. 76°18'48"W.; to lat. 39°18'42"N., long. 76°18'48"W.; to lat. 39°20'03"N., long. 76°20'30"W.; to lat. 39°19'56"N., long. 76°21'02"W.; to lat. 39°20'39"N., long. 76°21'59"W.; to lat. 39°22'00"N., long. 76°21'59"W.; to lat. 39°23'28"N., long. 76°20'39"W.; to lat. 39°26'10"N., long. 76°14'49"W.; to lat. 39°27'00"N., long. 76°12'29"W.; to the point of beginning, excluding R-4001C.
Designated altitudes and time of designation.
1. Surface to unlimited, 0700 to 2400 local time.
2. Surface to 10,000 feet MSL, 0000 to 0700 local time; higher altitudes by NOTAM issued 24 hours in advance.

Controlling agency. FAA, Washington ARTCC.
Using agency. U.S. Army, Commander, Aberdeen Proving Ground, MD.

AMENDMENTS 07/24/14 79 FR 29661 (Amended)

R-4001B Aberdeen, MD
Boundaries. Beginning at lat. 39°17'30"N., long. 76°12'58"W.; to lat. 39°12'10"N., long. 76°16'29"W.; to lat. 39°12'45"N., long. 76°22'29"W.; to lat. 39°17'30"N., long. 76°19'44"W.; to lat. 39°18'30"N., long. 76°21'59"W.; to lat. 39°20'39"N., long. 76°21'59"W.; to lat. 39°19'56"N., long. 76°21'02"W.; to lat. 39°20'03"N., long. 76°20'30"W.; to lat. 39°18'42"N., long. 76°18'48"W.; to lat. 39°17'13"N., long. 76°18'48"W.; to lat. 39°16'24"N., long. 76°16'17"W.; to the point of beginning.
Designated altitudes. Surface to 10,000 feet MSL, higher altitudes by NOTAM issued 24 hours in advance.
Time of designation. Intermittent, as activated by NOTAM 24 hours in advance.
Controlling agency. FAA, Washington ARTCC.
Using agency. U.S. Army, Commander, Aberdeen Proving Ground, MD.

AMENDMENTS 07/24/14 79 FR 29661 (Amended)

R-4001C Aberdeen, MD
Boundaries. Beginning at lat. 39°21'50"N., long. 76°21'59"W.; to lat. 39°23'01"N., long. 76°16'35"W.; to lat. 39°21'04"N., long. 76°15'52"W.; to lat. 39°19'56"N., long. 76°21'02"W.; to lat. 39°20'39"N., long. 76°21'59"W.; to the point of beginning.
Designated altitudes. Surface to 10,000 feet MSL.
Time of designation. Continuous.
Controlling agency. FAA, Potomac TRACON.
Using agency. U.S. Army, Commander, Aberdeen Proving Ground, MD.

AMENDMENTS 07/24/14 79 FR 29661 (Added)

R-4002 Bloodsworth Island, MD
Boundaries. Beginning at lat. 38°13'00"N., long. 75°59'59"W.; to lat. 38°08'00"N., long. 75°59'59"W.; to lat. 38°08'00"N., long. 76°08'49"W.; to lat. 38°13'00"N., long. 76°11'19"W.; to the point of beginning.
Designated altitudes. Surface to and including 20,000 feet MSL.
Time of designation. From sunrise to 2400 hours, local time, daily, other times as specified in a NOTAM issued 48 hours in advance.
Controlling agency. FAA, Washington ARTCC.
Using agency. U.S. Navy, Commanding Officer, NAS Patuxent River, MD.

AMENDMENTS 01/13/11 75 FR 68970 (Amended)

R-4005 Patuxent River, MD
Boundaries. Beginning at lat. 38°05'40"N., long. 76°33'31"W.; to lat. 38°11'10"N., long. 76°25'09"W.; to lat. 38°18'20"N., long. 76°17'04"W.; to lat. 38°18'26"N., long. 76°14'29"W.; to lat. 38°13'00"N., long. 76°11'19"W.; to lat. 38°08'00"N., long. 76°08'49"W.; to lat. 37°55'15"N., long. 76°02'29"W.; to lat. 37°53'10"N., long. 76°13'59"W.; to the point of beginning.
Designated altitudes. Surface to but not including FL 250.
Time of designation. 0700-2300 local time, daily; other times as specified by NOTAM.
Controlling agency. FAA, Washington ARTCC.
Using agency. U.S. Navy, Commanding Officer, NAS Patuxent River, MD.

AMENDMENTS 01/13/11 75 FR 68970 (Amended)

R-4006 Patuxent River, MD
Boundaries. Beginning at lat. 38°41'15"N., long. 75°45'59"W.; to lat. 38°32'30"N., long. 75°43'44"W.; to lat. 38°19'00"N., long. 75°36'59"W.; to lat. 37°55'00"N., long. 75°52'29"W.; to lat. 37°45'00"N., long. 75°58'44"W.; to lat. 37°45'00"N., long. 76°23'29"W.; to lat. 37°50'30"N., long. 76°31'59"W.; to lat. 38°05'10"N., long. 76°34'14"W.; to lat. 38°11'10"N., long. 76°25'09"W.; to lat. 38°30'00"N., long. 76°03'59"W.; to lat. 38°36'00"N., long. 75°55'29"W.; along the Pennsylvania Railroad to the point of beginning, excluding R-4002, R-4005, and R-6609.
Designated altitudes. 3,500 feet MSL to but not including FL 250.
Time of designation. 0700-2300 local time, daily; other times as specified by NOTAM.
Controlling agency. FAA, Washington ARTCC.
Using agency. U.S. Navy, Commanding Officer, NAS Patuxent River, MD.

AMENDMENTS 01/13/11 75 FR 68970 (Amended)

R-4007 Patuxent River, MD
Boundaries. Beginning at lat. 38°21'00"N., long. 76°13'59"W.; to lat. 38°11'10"N., long. 76°25'09"W.; to lat. 38°05'10"N., long. 76°34'04"W.; to lat. 38°15'00"N., long. 76°36'34"W.; to lat. 38°17'25"N., long. 76°32'59"W.; to lat. 38°25'40"N., long. 76°23'34"W.; to the point of beginning.
Designated Altitudes. Surface to but not including 5,000 feet MSL.
Time of designation. 0700-2300 local time, daily; other times as specified by NOTAM.
Controlling agency. FAA, Washington ARTCC.
Using agency. U.S. Navy, Commanding Officer, NAS Patuxent River, MD.

AMENDMENTS 01/13/11 75 FR 68970 (Amended)

R-4008 Patuxent River, MD
Boundaries. Beginning at lat. 38°42'00"N., long. 75°51'59"W.; to lat. 38°40'00"N., long. 75°34'59"W.; to lat. 38°20'00"N., long. 75°38'59"W.; to lat. 37°45'00"N., long. 76°10'59"W.; to

lat. 37°45'00"N., long. 76°23'59"W.; to lat. 37°51'00"N., long. 76°31'59"W.; to lat. 37°55'00"N., long. 76°32'59"W.; to lat. 38°17'00"N., long. 76°17'59"W.; thence to the point of beginning.
Designated altitudes. FL 250 to FL 850.
Time of designation. 0700-2300 local time, daily; other times as specified by NOTAM.
Controlling agency. FAA, Washington ARTCC.
Using agency. U.S. Navy, Commanding Officer, NAS Patuxent River, MD

AMENDMENTS 04/06/89 54 FR 6879 (Amended) Corr: 54 FR 13877

R-4009 Thurmont, MD
Boundaries. That airspace within a 3 NM radius of the Naval Support Facility (lat. 39°38'53" N., long. 77°28'00"W.).
Designated altitudes. 5,000 feet MSL to 12,500 feet MSL.
Time of designation. Continuous: Transit may be authorized by Washington ARTCC when conditions permit.
Controlling agency. FAA, Washington ARTCC.
Using agency. FAA, Washington ARTCC.

§ 73.41 Massachusetts (MA)

R-4101A Camp Edwards, MA
Boundaries. Beginning at lat. 41°40'52"N., long. 70°33'07"W.; to lat. 41°41'01"N., long. 70°33'58"W.; to lat. 41°41'58"N., long. 70°34'56"W.; to lat. 41°42'52"N., long. 70°34'56"W.; to lat. 41°43'52"N., long. 70°34'30"W.; to lat. 41°44'30"N., long. 70°34'14"W.; to lat. 41°45'17"N., long. 70°34'11"W.; to lat. 41°45'12"N., long. 70°33'59"W.; to lat. 41°46'07"N., long. 70°33'02"W.; to lat. 41°45'18"N., long. 70°31'16"W.; to lat. 41°44'37"N., long. 70°30'40"W.; to lat. 41°44'11"N., long. 70°29'38"W.; to lat. 41°43'06"N., long. 70°30'06"W.; to lat. 41°43'07"N., long. 70°30'34"W.; to lat. 41°42'45"N., long. 70°30'48"W.; to lat. 41°42'38"N., long. 70°30'31"W.; to lat. 41°41'51"N., long. 70°30'50"W.; to lat. 41°41'38"N., long. 70°31'16"W.; to lat. 41°41'20"N., long. 70°31'27"W.; to lat. 41°41'18"N., long. 70°31'24"W.; to lat. 41°41'06"N., long. 70°31'52"W.; to the point of beginning.
Designated Altitudes. Surface to but not including 2,500 feet MSL.
Times of designation. From 0600 to 1800 local time, daily, or other times as specified by NOTAM issued 48 hours in advance.
Controlling agency. FAA, Boston Approach Control.
Using agency. Commander, U.S. Army Garrison, Camp Edwards, MA.

AMENDMENTS 11/05/20 85 FR 57675 (Added)

R-4101B Camp Edwards, MA
Boundaries. Beginning at lat. 41°40'52"N., long. 70°33'07"W.; to lat. 41°41'01"N., long. 70°33'58"W.; to lat. 41°41'58"N., long. 70°34'56"W.; to lat. 41°42'52"N., long. 70°34'56"W.; to

lat. 41°43'52"N., long. 70°34'30"W.; to lat. 41°44'30"N., long. 70°34'14"W.; to lat. 41°45'17"N., long. 70°34'11"W.; to lat. 41°45'12"N., long. 70°33'59"W.; to lat. 41°46'07"N., long. 70°33'02"W.; to lat. 41°45'18"N., long. 70°31'16"W.; to lat. 41°44'37"N., long. 70°30'40"W.; to lat. 41°44'11"N., long. 70°29'38"W.; to lat. 41°43'06"N., long. 70°30'06"W.; to lat. 41°43'07"N., long. 70°30'34"W.; to lat. 41°42'45"N., long. 70°30'48"W.; to lat. 41°42'38"N., long. 70°30'31"W.; to lat. 41°41'51"N., long. 70°30'50"W.; to lat. 41°41'38"N., long. 70°31'16"W.; to lat. 41°41'20"N., long. 70°31'27"W.; to lat. 41°41'18"N., long. 70°31'24"W.; to lat. 41°41'06"N., long. 70°31'52"W.; to the point of beginning.
Designated Altitudes. 2,500 feet MSL to but not including 5,000 feet MSL.
Times of designation. From 0600 to 1800 local time, daily, or other times as specified by NOTAM issued 48 hours in advance.
Controlling agency. FAA, Boston Approach Control.
Using agency. Commander, U.S. Army Garrison, Camp Edwards, MA.

AMENDMENTS 11/05/20 85 FR 57675 (Added)

R-4101C Camp Edwards, MA
Boundaries. Beginning at lat. 41°40'52"N., long. 70°33'07"W.; to lat. 41°41'01"N., long. 70°33'58"W.; to lat. 41°41'58"N., long. 70°34'56"W.; to lat. 41°42'52"N., long. 70°34'56"W.; to lat. 41°43'52"N., long. 70°34'30"W.; to lat. 41°44'30"N., long. 70°34'14"W.; to lat. 41°45'17"N., long. 70°34'11"W.; to lat. 41°45'12"N., long. 70°33'59"W.; to lat. 41°46'07"N., long. 70°33'02"W.; to lat. 41°45'18"N., long. 70°31'16"W.; to lat. 41°44'37"N., long. 70°30'40"W.; to lat. 41°44'11"N., long. 70°29'38"W.; to lat. 41°43'06"N., long. 70°30'06"W.; to lat. 41°43'07"N., long. 70°30'34"W.; to lat. 41°42'45"N., long. 70°30'48"W.; to lat. 41°42'38"N., long. 70°30'31"W.; to lat. 41°41'51"N., long. 70°30'50"W.; to lat. 41°41'38"N., long. 70°31'16"W.; to lat. 41°41'20"N., long. 70°31'27"W.; to lat. 41°41'18"N., long. 70°31'24"W.; to lat. 41°41'06"N., long. 70°31'52"W.; to the point of beginning.
Designated Altitudes. 5,000 feet MSL to 9,000 feet MSL.
Times of designation. By NOTAM issued 48 hours in advance.
Controlling agency. FAA, Boston Approach Control.
Using agency. Commander, U.S. Army Garrison, Camp Edwards, MA.

AMENDMENTS 11/05/20 85 FR 57675 (Added)

R-4102A Fort Devens, MA
Boundaries. Beginning at lat. 42°31'15"N., long. 71°36'28"W.; to lat. 42°31'00"N., long. 71°39'13"W.; to lat. 42°30'45"N., long. 71°39'13"W.; to lat. 42°30'15"N., long. 71°39'58"W.; to lat. 42°29'45"N., long. 71°41'13"W.; to lat. 42°28'15"N., long. 71°41'13"W.; to lat. 42°28'00"N., long. 71°39'43"W.; to lat. 42°29'45"N., long. 71°37'43"W.; thence to the point of beginning.
Designated altitudes. Surface to but not including 2,000 feet MSL.

Time of designation. 0800 to 2200 Saturday local time; other times by NOTAM issued 24 hours in advance.
Controlling agency. FAA, Boston Approach Control.
Using agency. Commander, U.S. Army Garrison, Fort Devens, MA.

AMENDMENTS 06/22/17 82 FR 19188 (Amended)

R-4102B Fort Devens, MA
Boundaries. Beginning at lat. 42°31'15"N., long. 71°36'28"W.; to lat. 42°31'00"N., long. 71°39'13"W.; to lat. 42°30'45"N., long. 71°39'13"W.; to lat. 42°30'15"N., long. 71°39'58"W.; to lat. 42°29'45"N., long. 71°41'13"W.; to lat. 42°28'15"N., long. 71°41'13"W.; to lat. 42°28'00"N., long. 71°39'43"W.; to lat. 42°29'45"N., long. 71°37'43"W.; thence to the point of beginning.
Designated altitudes. 2,000 feet MSL to 3,995 feet MSL.
Time of designation. 0800 to 2200 Saturday local time; other times by NOTAM issued 24 hours in advance.
Controlling agency. FAA, Boston Approach Control.
Using agency. Commander, U.S. Army Garrison, Fort Devens, MA.

AMENDMENTS 06/22/17 82 FR 19188 (Amended)

§ 73.42 Michigan (MI)

R-4201A Camp Grayling, MI
Boundaries. Beginning at lat. 44°56'00"N., long. 84°29'00"W.; to lat. 44°47'00"N., long. 84°29'00"W.; to lat. 44°47'00"N., long. 84°39'00"W.; to lat. 44°56'00"N., long. 84°39'00"W.; to the point of beginning.
Designated altitudes. Surface to 23,000 feet MSL.
Time of designation. 0800-1600 local time, Tuesday-Saturday; other times by NOTAM.
Controlling agency. FAA, Minneapolis ARTCC.
Using agency. Commander, Camp Grayling, Grayling, MI.

R-4201B Camp Grayling, MI
Boundaries. Beginning at lat. 44°47'00"N., long. 84°29'00"W.; to lat. 44°41'00"N., long. 84°29'00"W.; to lat. 44°41'00"N., long. 84°40'00"W.; to lat. 44°43'00"N., long. 84°40'00"W.; to lat. 44°43'00"N., long. 84°38'00"W.; to lat. 44°47'00"N., long. 84°38'00"W.; to the point of beginning.
Designated altitudes. Surface to 9,000 feet MSL.
Time of designation. 0001 Saturday-2359 Sunday local time; other times by NOTAM.
Controlling agency. FAA, Minneapolis ARTCC.
Using agency. Commander, Camp Grayling, Grayling, MI.

R-4202 Lake Margrethe, MI
Boundaries. Beginning at lat. 44°36'45"N., long. 84°51'00"W.; to lat. 44°36'45"N., long. 84°48'00"W.; to lat. 44°34'15"N., long. 84°48'00"W.; to lat. 44°34'15"N., long. 84°50'00"W.; to lat. 44°35'00"N., long. 84°51'00"W.; to the point of beginning.
Designated altitudes. Surface to 8,200 feet MSL.
Time of designation. September 1 through May 31 by NOTAM 24 hours in advance; and June 1 through August 31 with specific dates to be published by NOTAM.
Controlling agency. FAA, Minneapolis ARTCC.
Using agency. Commander, Camp Grayling, Grayling, MI.

AMENDMENTS 07/30/87 52 FR 16832 (Amended)

R-4207 Upper Lake Huron, MI
Boundaries. Beginning at lat. 45°17'00"N., long. 83°00'00"W.; to lat. 45°20'24"N., long. 82°31'18"W.; along the United States-Canadian Border to lat. 44°31'00"N., long. 82°19'54"W.; to lat. 44°27'42"N., long. 82°47'08"W.; to the point of beginning.
Designated altitudes. Surface to FL 450.
Time of designation. Intermittent, sunrise to sunset by NOTAM.
Controlling agency. FAA, Minneapolis ARTCC.
Using agency. Commander, Permanent Field Training Site Detachment, Phelps-Collins ANGB, Alpena, MI.

AMENDMENTS 02/02/95 59 FR 59134 (Amended)

§ 73.43 Minnesota (MN)

R-4301 Camp Ripley, MN
Boundaries. Beginning at lat. 46°18'54"N., long. 94°29'03"W.; thence along south bank of Crow Wing River and west bank of Mississippi River to lat. 46°10'49"N., long. 94°21'53"W.; to lat. 46°07'11"N., long. 94°21'53"W.; thence along the west bank of Mississippi River to lat. 46°06'22"N., long. 94°21'11"W.; to lat. 46°06'22"N., long. 94°22'16"W.; to lat. 46°06'03"N., long. 94°22'16"W.; to lat. 46°06'03"N., long. 94°26'07"W.; to lat. 46°08'00"N., long. 94°26'07"W.; to lat. 46°08'00"N., long. 94°30'01"W.; to lat. 46°18'18"N., long. 94°30'01"W.; to the point of beginning.
Designated altitudes. Surface to 27,000 feet MSL.
Time of designation. 0730 to 2400 local times daily. Other times as specified by NOTAM issued 24 hours in advance.
Controlling agency. FAA, Minneapolis ARTCC.
Using agency. Commanding Officer, Camp Ripley, MN.

R-4305 Lake Superior, MN
Boundaries. Beginning at lat. 47°45'00"N., long. 90°00'00"W.; to lat. 47°45'00"N., long. 89°28'00"W.; to lat. 46°55'00"N., long. 89°28'01"W.; to lat. 46°55'00"N., long. 90°05'01"W.; to lat. 47°35'00"N., long. 90°05'00"W.; to the point of beginning.
Designated altitudes. Surface to FL 450.
Time of designation. Intermittent by NOTAM, 4 hours in advance.
Controlling agency. FAA, Minneapolis ARTCC.
Using Agency. U.S. Air Force, 148th Fighter Wing, Duluth International Airport, MN.

AMENDMENT 04/22/21 86 FR 11423 (Amended)

§ 73.44 Mississippi (MS)

R-4401A Camp Shelby, MS
Boundaries. Beginning at lat. 31°12'55"N., long. 89°11'03"W.; to lat. 31°11'49"N., long. 89°00'00"W.; to lat. 31°10'16"N., long. 88°56'34"W.; to lat. 31°04'37"N., long. 88°56'34"W.; to lat. 31°04'37"N., long. 89°11'00"W.; to the point of beginning.
Designated altitudes. Surface to but not including 4,000 feet MSL.
Time of designation. By NOTAM at least 24 hours in advance.
Controlling agency. FAA, Houston ARTCC.
Using agency. Commanding Officer, Camp Shelby, MS.

AMENDMENTS 08/25/11 76 FR 36871 (Amended)

R-4401B Camp Shelby, MS
Boundaries. Beginning at lat. 31°12'55"N., long. 89°11'03"W.; to lat. 31°11'49"N., long. 89°00'00"W; to lat. 31°10'16"N., long. 88°56'34"W.; to lat. 31°04'37"N., long. 88°56'34"W.; to lat. 31°04'37"N., long. 89°11'00"W.; to the point of beginning.
Designated altitudes. 4,000 feet MSL to but not including 10,000 feet MSL.
Time of designation. By NOTAM at least 24 hours in advance.
Controlling agency. FAA, Houston ARTCC.
Using agency. Commanding Officer, Camp Shelby, MS.

AMENDMENTS 08/25/11 76 FR 36871 (Amended)

R-4401C Camp Shelby, MS
Boundaries. Beginning at lat. 31°12'55"N., long. 89°11'03"W.; to lat. 31°11'49"N., long. 89°00'00"W.; to lat. 31°10'16"N., long. 88°56'34"W.; to lat. 31°04'37"N., long. 88°56'34"W.; to lat. 31°04'37"N., long. 89°11'00"W.; to the point of beginning.
Designated altitudes. 10,000 feet MSL to but not including FL 180.

Time of designation. By NOTAM at least 24 hours in advance.
Controlling agency. FAA, Houston ARTCC.
Using agency. Commanding Officer, Camp Shelby, MS.

AMENDMENTS 08/25/11 76 FR 36871 (Amended)

R-4401D Camp Shelby, MS
Boundaries. Beginning at lat. 31°12'55"N., long. 89°11'03"W.; to lat. 31°11'49"N., long. 89°00'00"W.; to lat. 31°10'16"N., long. 88°56'34"W.; to lat. 31°04'37"N., long. 88°56'34"W.; to lat. 31°04'37"N., long. 89°11'00"W.; to the point of beginning.
Designated altitudes. FL 180 to but not including FL 230.
Time of designation. By NOTAM 4 hours in advance.
Controlling agency. FAA, Houston ARTCC.
Using agency. Commanding Officer, Camp Shelby, MS.

AMENDMENTS 08/25/11 76 FR 36871 (Added)

R-4401E Camp Shelby, MS
Boundaries. Beginning at lat. 31°12'55"N., long. 89°11'03"W.; to lat. 31°11'49"N., long. 89°00'00"W.; to lat. 31°10'16"N., long. 88°56'34"W.; to lat. 31°04'37"N., long. 88°56'34"W.; to lat. 31°04'37"N., long. 89°11'00"W.; to the point of beginning.
Designated altitudes. FL 230 to FL 290.
Time of designation. By NOTAM four hours in advance.
Controlling agency. FAA, Houston ARTCC.
Using agency. Commanding Officer, Camp Shelby, MS.

AMENDMENTS 08/25/11 76 FR 36871 (Added)

R-4403A Stennis Space Center, MS
Boundaries. That airspace within a 2.5-NM radius centered at lat. 30°21'51"N., long. 89°35'39"W.
Designated altitudes. Surface to 12,000 feet MSL.
Time of designation. Intermittent by NOTAM at least 24 hours in advance.
Controlling agency. FAA, Houston ARTCC.
Using agency. NASA, Director, Stennis Space Center, Bay St. Louis, MS.

AMENDMENT 07/19/18 83 FR 18938 (Amended)

R-4403B Stennis Space Center, MS
Boundaries. Beginning at lat. 30°29'37"N., long. 89°35'16"W.; to lat. 30°29'37"N., long. 89°32'33"W.; thence clockwise along a 0.85-NM arc centered at lat. 30°28'46"N., long. 89°32'33"W.; to lat. 30°28'46"N., long. 89°31'34"W.; to lat. 30°26'25"N., long. 89°31'34"W.; to

lat. 30°24'02"N., long. 89°31'34"W.; thence counterclockwise along a 4.2-NM arc centered at lat. 30°22'04"N., long. 89°27'17"W.; to lat. 30°20'28"N., long. 89°31'46"W.; to lat. 30°19'19"N., long. 89°35'32"W.; to lat. 30°18'23"N., long. 89°40'17"W.; to lat. 30°21'08"N., long. 89°42'25"W.; to lat. 30°22'22"N., long. 89°42'58"W.; to lat. 30°23'44"N., long. 89°42'43"W.; to lat. 30°26'40"N., long. 89°40'51"W.; thence counterclockwise along a 3-NM arc centered at lat. 30°29'15"N., long. 89°39'04"W.; to lat. 30°27'08"N., long. 89°36'37"W.; to lat. 30°27'58"N., long. 89°35'27"W.; to lat. 30°28'47"N., long. 89°35'27"W.; to the point of beginning.
Designated altitudes. Surface to 6,000 feet MSL.
Time of designation. Intermittent, 1000 to 0300 local time, as activated by NOTAM at least 24 hours in advance.
Controlling agency. FAA, Houston ARTCC.
Using agency. NASA, Director, Stennis Space Center, Bay St. Louis, MS.

AMENDMENT 05/26/16 81 FR 17379 (Added)

R-4403C Stennis Space Center, MS
Boundaries. Beginning at lat. 30°27'58"N., long. 89°35'27"W.; to lat. 30°22'35"N., long. 89°35'27"W.; to lat. 30°22'35"N., long. 89°32'06"W.; thence counterclockwise along a 4.2-NM arc centered at lat. 30°22'04"N., long. 89°27'17"W.; to lat. 30°20'28"N., long. 89°31'46"W.; to lat. 30°19'19"N., long. 89°35'32"W.; to lat. 30°18'23"N., long. 89°40'17"W.; to lat. 30°21'08"N., long. 89°42'25"W.; to lat. 30°22'22"N., long. 89°42'58"W.; to lat. 30°23'44"N., long. 89°42'43"W.; to lat. 30°26'40"N., long. 89°40'51"W.; thence counterclockwise along a 3-NM arc centered at lat. 30°29'15"N., long. 89°39'04"W.; to lat. 30°27'08"N., long. 89°36'37"W.; to the point of beginning.
Designated altitudes. Surface to 10,000 feet MSL.
Time of designation. Intermittent, 2000 to 0500 local time, as activated by NOTAM at least 24 hours in advance; and 1800 to 2000 local time, November 1 to March 1, as activated by NOTAM at least 24 hours in advance, not to exceed 20 days per year.
Controlling agency. FAA, Houston ARTCC.
Using agency. U.S. Navy, Commander, Naval Special Warfare Command, Naval Special Warfare N31 Branch, Stennis Space Center, Bay St. Louis, MS.

AMENDMENT 05/26/16 81 FR 17379 (Added)

R-4403E Stennis Space Center, MS
Boundaries. Beginning at lat. 30°29'37"N., long. 89°35'16"W.; to lat. 30°29'37"N., long. 89°32'33"W.; thence clockwise along a 0.85M arc centered at lat. 30°28'46"N., long. 89°32'33"W.; to lat. 30°28'46"N., long. 89°31'34"W.; to lat. 30°26'25"N., long. 89°31'34"W.; to lat. 30°24'02"N., long. 89°31'34"W.; thence counterclockwise along a 4.2-NM arc centered at lat. 30°22'04"N., long. 89°27'17"W.; to lat. 30°22'35"N., long. 89°32'06"W.; to lat. 30°22'35"N., long. 89°35'27"W.; to lat. 30°27'58"N., long. 89°35'27"W,; to lat. 30°28'47"N., long. 89°35'27"W.; to the point of beginning.
Designated altitudes. Surface to 10,000 feet MSL.

Time of designation. Intermittent, 2000 to 0500 local time, as activated by NOTAM at least 24 hours in advance; and 1800 to 2000 local time, November 1 to March 1, as activated by NOTAM at least 24 hours in advance, not to exceed 20 days per year.
Controlling agency. FAA, Houston ARTCC.
Using agency. U.S. Navy, Commander, Naval Special Warfare Command, Naval Special Warfare N31 Branch, Stennis Space Center, Bay St. Louis, MS.

AMENDMENT 05/26/16 81 FR 17379 (Added)

R-4403F Stennis Space Center, MS
Boundaries. Beginning at lat. 30°29'37"N., long. 89°35'16"W.; thence clockwise along a 2.5-NM arc centered at lat. 30°28'46"N., long. 89°32'33"W.; to lat. 30°26'25"N., long. 89°31'34"W.; to lat. 30°28'46"N., long. 89°31'34"W.; thence counterclockwise along a 0.85-NM arc centered at lat. 30°28'46"N., long. 89°32'33"W.; to lat. 30°29'37"N., long. 89°32'33"W.; to the point of beginning.
Designated altitudes. 4,000 feet MSL to 10,000 feet MSL.
Time of designation. Intermittent, 2000 to 0500 local time, as activated by NOTAM at least 24 hours in advance; and 1800 to 2000 local time, November 1 to March 1, as activated by NOTAM at least 24 hours in advance, not to exceed 20 days per year.
Controlling agency. FAA, Houston ARTCC.
Using agency. U.S. Navy, Commander, Naval Special Warfare Command, Naval Special Warfare N31 Branch, Stennis Space Center, Bay St. Louis, MS.

AMENDMENT 05/26/16 81 FR 17379 (Added)

R-4404A Macon, MS
Boundaries. Beginning at lat. 33°02'39"N., long. 88°42'37"W.; to lat. 33°04'30"N., long. 88°40'18"W.; to lat. 33°03'34"N., long. 88°39'08"W.; to lat. 33°01'43"N., long. 88°41'23"W.; to the point of beginning.
Designated altitudes. Surface to 11,500 feet MSL.
Time of designation. Intermittent, 0700-1800 local time, daily; other times by NOTAM 24 hours in advance.
Controlling agency. FAA, Memphis ARTCC.
Using agency. Commander, Training Wing One, NAS, Meridian, MS.

AMENDMENTS 07/30/87 52 FR 21250 (Amended)

R-4404B Macon, MS
Boundaries. A circle with a 5-nautical-mile radius centered at lat. 33°03'11"N., long. 88°40'41"W.
Designated altitudes. From 1,200 feet AGL to 11,500 feet MSL.

Time of designation. Intermittent, 0700-1800 local time, daily; other times by NOTAM 24 hours in advance.
Controlling agency. FAA, Memphis ARTCC.
Using agency. Commander, Training Wing One, NAS, Meridian, MS.

AMENDMENTS 07/30/87 52 FR 21250 (Amended)

R-4404C Macon, MS
Boundaries. A circle with a 5-nautical-mile radius centered at lat. 33°03'11"N., long. 88°40'41"W.
Designated altitudes. 11,500 feet MSL to 14,500 feet MSL.
Time of designation. Intermittent, 0700-1800 local time, daily; other times by NOTAM 24 hours in advance.
Controlling agency. FAA, Memphis ARTCC.
Using agency. Commander, Training Wing One, NAS, Meridian, MS.

AMENDMENTS 07/30/87 52 FR 21250 (Amended)

§ 73.45 Missouri (MO)

R-4501A Fort Leonard Wood, MO
Boundaries. Beginning at lat. 37°41'06"N., long. 92°09'18"W.; to lat. 37°38'15"N., long. 92°09'18"W.; to lat. 37°37'35"N., long. 92°10'38"W.; to lat. 37°36'15"N., long. 92°10'38"W.; to lat. 37°36'15"N., long. 92°15'22"W.; to lat. 37°39'28"N., long. 92°15'22"W.; to lat. 37°41'07"N., long. 92°14'24"W.; to the point of beginning.
Designated altitudes. Surface to but not including 2,200 feet MSL.
Time of designation. 0630-2100 Monday-Saturday; other times by NOTAM issued at least 24 hours in advance.
Controlling agency. FAA, Kansas City ARTCC.
Using agency. U.S. Army, Commanding General, Fort Leonard Wood, MO.

AMENDMENTS 08/20/15 80 FR 29941 (Added)

R-4501B Fort Leonard Wood, MO
Boundaries. Beginning at lat. 37°43'00"N., long. 92°06'56"W.; to lat. 37°42'11"N., long. 92°06'15"W.; to lat. 37°39'07"N., long. 92°06'18"W.; to lat. 37°38'15"N., long. 92°09'18"W.; to lat. 37°43'02"N., long. 92°09'18"W.; to the point of beginning.
Designated altitudes. Surface to 4,300 feet MSL.
Time of designation. 0630-2200 Monday-Saturday; other times by NOTAM issued at least 24 hours in advance.

Controlling agency. FAA, Kansas City ARTCC.
Using agency. U.S. Army, Commanding General, Fort Leonard Wood, MO.

AMENDMENTS 08/20/15 80 FR 29941 (Added)

R-4501C Fort Leonard Wood, MO
Boundaries. Beginning at lat. 37°41'00"N., long. 92°16'11"W.; to lat. 37°41'26"N., long. 92°10'16"W.; to lat. 37°40'16"N., long. 92°07'06"W.; to lat. 37°38'20"N., long. 92°06'56"W.; to lat. 37°36'07"N., long. 92°10'28"W.; to lat. 37°35'22"N., long. 92°15'32"W.; to the point of beginning, excluding R-4501B when active.
Designated altitudes. From 2,200 feet MSL to 5,000 feet MSL.
Time of designation. 0900-2100 Monday; 0900-1600 Tuesday-Friday; other times by NOTAM issued at least 24 hours in advance.
Controlling agency. FAA, Kansas City ARTCC.
Using agency. U.S. Army, Commanding General, Fort Leonard Wood, MO.

AMENDMENTS 08/20/15 80 FR 29941 (Amended)

R-4501D Fort Leonard Wood, MO
Boundaries. Beginning at lat. 37°41'00"N., long. 92°16'11"W.; to lat. 37°41'26"N., long. 92°10'16"W.; to lat. 37°40'16"N., long. 92°07'06"W.; to lat.37°38'20"N., long. 92°06'56"W.; to lat. 37°36'07"N., long. 92°10'28"W.; to lat. 37°35'22"N., long. 92°15'32"W.; to the point of beginning.
Designated altitudes. From 5,000 feet MSL to 12,000 feet MSL.
Time of Designation. 0900-2100 Monday; 0900-1600 Tuesday-Friday; other times by NOTAM issued at least 24 hours in advance.
Controlling agency. FAA, Kansas City ARTCC.
Using agency. U.S. Army, Commanding General, Fort Leonard Wood, MO.

AMENDMENTS 08/20/15 80 FR 29941 (Amended)

R-4501E Fort Leonard Wood, MO
Boundaries. Beginning at lat. 37°41'00"N., long. 92°16'11"W.; to lat. 37°41'26"N., long. 92°10'16"W.; to lat. 37°40'16"N., long. 92°07'06"W.; to lat. 37°38'20"N., long. 92°06'56"W.; to lat. 37°36'07"N., long. 92°10'28"W.; to lat. 37°35'22"N., long. 92°15'32"W.; to the point of beginning.
Designated altitudes. From 12,000 feet MSL to FL 180.
Time of designation. 0900-2100 Monday; 0900-1600 Tuesday-Friday; other times by NOTAM issued at least 24 hours in advance.
Controlling agency. FAA, Kansas City ARTCC.
Using agency. U.S. Army, Commanding General, Fort Leonard Wood, MO.

AMENDMENTS 01/25/01 65 FR 76151 (Amended)

R-4501F Fort Leonard Wood, MO
Boundaries. Beginning at lat. 37°41'00"N., long. 92°09'05"W.; to lat. 37°41'00"N., long. 92°10'53"W.; to lat. 37°43'02"N., long. 92°12'11"W.; to lat. 37°43'10"N., long. 92°08'46"W.; to the point of beginning, excluding R-4501A, R-4501B, and R-4501C when active.
Designated altitudes. Surface to 3,200 feet MSL.
Time of designation. 0700-1800 daily; other times by NOTAM issued at least 24 hours in advance.
Controlling agency. FAA, Kansas City ARTCC.
Using agency. U.S. Army, Commanding General, Fort Leonard Wood, MO.

AMENDMENTS 08/20/15 80 FR 29941 (Amended)

R-4501H Fort Leonard Wood, MO
Boundaries. Beginning at lat. 37°42'50"N., long. 92°07'21"W.; to lat. 37°44'00"N., long. 92°07'16"W.; to lat. 37°44'45"N., long. 92°05'41"W.; to lat. 37°44'50"N., long. 92°04'49"W.; to lat. 37°46'15"N., long. 92°05'31"W.; to lat. 37°47'45"N., long. 92°06'01"W.; to lat. 37°48'00"N., long. 92°06'01"W.; to lat. 37°48'00"N., long. 92°02'41"W.; thence south and along the Big Piney River and Reservation boundary to lat. 37°46'45"N., long. 92°01'41"W.; to lat. 37°42'30"N., long. 92°04'06"W.; to lat. 37°42'15"N., long. 92°06'06"W.; to the point of beginning, excluding R-4501B when active.
Designated altitudes. Surface to 3,200 feet MSL.
Time of designation. 1500-1600 Wednesday; other times by NOTAM.
Controlling agency. FAA, Kansas City ARTCC.
Using agency. U.S. Army, Commanding General, Fort Leonard Wood, MO.

AMENDMENTS 08/20/15 80 FR 29941 (Amended) Corr: 80 FR 43617

§ 73.46 Montana (MT)

§ 73.47 Nebraska (NE)

§ 73.48 Nevada (NV)

R-4803 Fallon, NV
Boundaries. A 3-NM radius circle centered at lat. 39°20'40"N., long. 118°52'19"W.
Designated Altitudes. Surface to but not including FL 180.
Time of designation. 0715 to 2330 local time daily; other times by NOTAM.
Controlling agency. FAA Oakland ARTCC.
Using agency. USN, Naval Strike and Air Warfare Center, Fallon, NV.

AMENDMENTS 12/17/09 74 FR 53649 (Amended)

R-4804A Twin Peaks, NV
Boundaries. A 5-nautical-mile radius circle centered at lat. 39°13'00"N., long. 118°12'45"W.; and a 3nautical-mile radius centered at lat. 39°14'15"N., long. 118°17'33"W.
Designated altitudes. Surface to but not including FL 180 excluding 2,000 feet AGL up to but not including 8,500 feet MSL, north of and within 1 NM of U.S. Highway 50 between the intersection of U.S. Highway 50 with long. 118°26'00"W., and long. 118°08'00"W.
Time of designation. 0715 to 2330 local time daily; other times by NOTAM.
Controlling agency. FAA, Oakland ARTCC.
Using agency. USN, Naval Strike and Air Warfare Center, Fallon, NV.

AMENDMENTS 12/17/09 74 FR 53649 (Amended)

R-4804B Twin Peaks, NV
Boundaries. A 5-nautical-mile radius circle centered at lat. 39°13'00"N., long. 118°12'45"W.; and a 3-nautical-mile radius centered at lat. 39°14'15"N., long. 118°17'33"W.
Designated altitudes. FL 180 to and including FL 350.
Time of designation. Intermittent 0715 to 2330 local time daily; other times by NOTAM.
Controlling agency. FAA, Oakland ARTCC.
Using agency. USN, Naval Strike and Air Warfare Center, Fallon, NV.

AMENDMENTS 12/17/09 74 FR 53649 (Amended)

R-4806E Las Vegas, NV
Boundaries. Beginning at lat. 37°17'00"N., long. 115°18'03"W.; to lat. 37°17'00"N., long. 115°11'04"W.; to lat. 37°12'00"N., long. 115°07'03"W.; to lat. 36°48'00"N., long. 115°07'04"W.; to lat. 36°38'00"N., long. 115°18'03"W.; to the point of beginning.
Designated altitudes. 100 feet AGL to unlimited.
Time of designation. 0500-2000 daily Monday-Saturday; other times by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. U.S. Air Force, Commander, Tactical Fighter Weapons Center, Nellis AFB, NV.

R-4806W Las Vegas, NV
Boundaries. Beginning at lat. 37°17'00"N., long. 115°18'03"W.; to lat. 36°26'00"N., long. 115°18'03"W.; to lat. 36°26'00"N., long. 115°23'03"W.; to lat. 36°35'00"N., long.115°37'03"W.; to lat. 36°35'00"N., long. 115°53'03"W.; to lat. 36°36'00"N., long.115°56'03"W.; to lat. 37°06'00"N., long. 115°56'03"W.; to lat. 37°06'00"N., long. 115°35'03"W.; to lat. 37°17'00"N., long. 115°35'03"W., to the point of beginning.
Designated altitudes. Unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. USAF Warfare Center, Nellis AFB, NV.

AMENDMENTS 03/12/09 73 FR 76215 (Amended)

R-4807A Tonopah, NV
Boundaries. Beginning to lat. 36°51'00"N., long. 116°33'33"W.; to lat. 37°26'30"N., long. 117°04'33"W.; to lat. 37°33'00"N., long. 117°05'41"W.; to lat. 37°53'00"N., long. 117°05'41"W.; to lat. 37°53'00"N., long. 116°55'03"W.; to lat. 37°47'00"N., long. 116°55'03"W.; to lat. 37°33'00"N., long. 116°43'03"W.; to lat. 37°33'00"N., long. 116°26'03"W.; to lat. 37°53'00"N., long. 116°26'03"W.; to lat. 37°53'00"N., long. 116°11'03"W.; to lat. 37°42'00"N., long. 116°11'03"W.; to lat. 37°42'00"N., long. 115°53'03"W.; to lat. 37°33'00"N., long. 115°53'03"W.; to lat. 37°33'00"N., long. 115°48'03"W.; to lat. 37°28'00"N., long. 115°48'03"W.; to lat. 37°28'00"N., long. 116°00'03"W.; to lat. 37°16'00"N., long. 116°00'03"W.; to lat. 37°16'00"N., long. 116°11'03"W.; to lat. 37°20'00"N., long. 116°11'03"W.; to lat. 37°23'00"N., long. 116°17'03"W.; to lat. 37°23'00"N., long. 116°22'03"W.; to lat. 37°21'00"N., long. 116°27'03"W.; to lat. 37°21'00"N., long. 116°34'03"W.; to lat. 37°16'00"N., long. 116°31'03"W.; to lat. 37°08'00"N., long. 116°27'03"W.; to lat. 36°55'00"N., long. 116°27'03"W.; to lat. 36°55'00"N., long. 116°33'33"W.; to the point of beginning.
Designated altitudes. Unlimited.
Time of designation: Continuous from 0600 Monday to 1900 Friday; other times by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. USAF Warfare Center, Nellis AFB,NV.

AMENDMENTS 03/12/09 73 FR 76215 (Amended)

R-4807B Tonopah, NV
Boundaries. Beginning to lat. 37°16'00"N., long. 116°11'03"W.; to lat. 37°20'00"N., long. 116°11'03"W.; to lat. 37°23'00"N., long. 116°17'03"W.; to lat. 37°23'00"N., long.116°22'03"W.; to lat. 37°21'00"N., long. 116°27'03"W.; to lat. 37°21'00"N., long. 116°34'03"W.; to lat. 37°16'00"N., long. 116°31'03"W.; to the point of beginning.
Designated altitudes. Unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. USAF Warfare Center, Nellis AFB, NV.

AMENDMENTS 03/12/09 73 FR 76215 (Amended)

R-4808N Las Vegas, NV
Boundaries. Beginning at lat. 36°41'00"N., long. 115°56'03"W.; to lat. 36°41'00"N., long. 116°14'48"W.; to lat. 36°46'00"N., long. 116°26'33"W.; to lat. 36°51'00"N., long.116°26'33"W.; to lat. 36°51'00"N., long. 116°33'33"W.; to lat. 36°55'00"N., long. 116°33'33"W.; to lat. 36°55'00"N., long. 116°27'03"W.; to lat. 37°08'00"N., long. 116°27'03"W.; to lat. 37°16'00"N., long. 116°31'03"W.; to lat. 37°16'00"N., long. 116°00'03"W.; to lat. 37°28'00"N., long.116°00'03"W.; to lat. 37°28'00"N., long. 115°35'03"W.; to lat. 37°06'00"N., long. 115°35'03"W.; to lat. 37°06'00"N., long. 115°56'03"W.; to the point of beginning.
Designated altitudes. Unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC.

Using agency. Manager, Nevada Operations Office, United States Department of Energy, Las Vegas, NV.

AMENDMENTS 07/20/95 60 FR 20625 (Amended)

R-4808S Las Vegas, NV
Boundaries. Beginning at lat. 36°46'00"N., long. 116°26'33"W.; to lat. 36°41'00"N., long. 116°14'48"W.; to lat. 36°41'00"N., long. 116°26'33'W.; to the point of beginning.
Designated altitudes. Unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. Manager, Nevada Operations Office, United States Department of Energy, Las Vegas, NV.

R-4809 Tonopah, NV
Boundaries. Beginning at lat. 37°53'00"N., long. 116°26'03"W.; to lat. 37°33'00"N., long. 116°26'03"W.; to lat. 37°33'00"N., long. 116°43'03"W.; to lat. 37°47'00"N., long. 116°55'03"W.; to lat. 37°53'00"N., long. 116°55'03"W.; to the point of beginning.
Designated altitudes. Unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. USAF Warfare Center, Nellis AFB, NV.

AMENDMENTS 03/12/09 73 FR 76215 (Amended)

R-4810 Desert Mountains, NV
Boundaries. A 5 NM radius circle centered at lat. 39°10'00"N., long. 118°37'34"W.; and a 3 NM radius circle centered at lat. 39°09'15"N., long. 118°42'24"W.
Designated altitudes. Surface to and including 17,000 feet MSL.
Time of designation. 0715 to 2330 local time daily; other times by NOTAM.
Controlling agency. FAA, Oakland ARTCC.
Using agency. USN, Naval Strike and Air Warfare Center, Fallon, NV.

AMENDMENTS 12/17/09 74 FR 53649 (Amended)

R-4812 Sand Springs, NV
Boundaries. That area within 5 NM either side of a line extending from lat. 39°10'00"N., long. 118°37'34"W.; to lat. 39°13'00"N., long. 118°12'45"W.; and bounded on the east by R-4804 and bounded on the west by R-4810.
Designated altitudes. Surface to but not including FL 180 excluding that portion from 2,000 feet AGL up to 8,500 feet MSL which lies north of and 1 NM from U.S. Highway 50, between the intersections of U.S. Highway 50 with long. 118°25'33"W., and long. 118°07'33"W.

Time of designation. 0715 to 2330 local time daily; other times by NOTAM.
Controlling agency. FAA, Oakland ARTCC.
Using agency. USN, Naval Strike and Air Warfare Center, Fallon, NV.

AMENDMENTS 12/17/09 74 FR 53649 (Amended)

R-4813A Carson Sink, NV
Boundaries. Beginning at lat. 39°51'00"N., long. 118°38'04"W.; to lat. 40°01'00"N., long. 118°15'04"W.; to lat. 40°01'00"N., long. 118°01'03"W.; to lat. 39°58'00"N., long.118°01'03"W.; to lat. 39°38'00"N., long. 118°17'03"W.; thence via the arc of a 15-NM radius circle centered at lat. 39°52'36"N., long. 118°20'31"W.; to lat. 39°45'50"N., long. 118°38'04"W.; thence to the point of beginning.
Designated altitudes. Surface to but not including FL 180.
Time of designation. 0715 to 2330 local time daily; other times by NOTAM.
Controlling agency. FAA, Oakland ARTCC.
Using agency. USN, Naval Strike and Air Warfare Center, Fallon, NV.

AMENDMENTS 12/17/09 74 FR 53649 (Amended)

R-4813B Carson Sink, NV
Boundaries. Beginning at lat. 39°51'00"N., long. 118°38'04"W.; to lat. 40°01'00"N., long. 118°15'04"W.; to lat. 40°01'00"N., long. 118°01'03"W.; to lat. 39°58'00"N., long.118°01'03"W.; to lat. 39°38'00"N., long. 118°17'03"W.; thence via the arc of a 15-NM radius circle centered at lat. 39°52'36"N., long. 118°20'31"W.; to lat. 39°45'50"N., long. 118°38'04"W.; thence to the point of beginning.
Designated altitudes. FL 180 to and including FL 350.
Time of designation. Intermittent 0715 to 2330 local time daily; other times by NOTAM.
Controlling agency. FAA, Oakland, ARTCC.
Using agency. USN, Naval Strike and Air Warfare Center, Fallon, NV.

AMENDMENTS 12/17/09 74 FR 53649 (Amended)

R-4816N Dixie Valley, NV
Boundaries. Beginning at lat. 39°51'00"N., long. 118°00'03"W.; to lat. 39°51'00"N., long. 117°31'03"W.; to lat. 39°34'00"N., long. 117°39'33"W.; to lat. 39°34'00"N., long. 118°12'33"W.; to the point of beginning.
Designated altitudes. 1,500 feet AGL to but not including FL 180.
Time of designation. 0715 to 2330 local time daily; other times by NOTAM.
Controlling agency. FAA, Oakland ARTCC.
Using agency. USN, Naval Strike and Air Warfare Center, Fallon, NV.

AMENDMENTS 12/17/09 74 FR 53649 (Amended)

R-4816S Dixie Valley, NV
Boundaries. Beginning at lat. 39°17'00"N., long. 118°21'03"W.; to lat. 39°30'00"N., long. 118°15'33"W.; to lat. 39°34'00"N., long. 118°12'33"W.; to lat. 39°34'00"N., long. 117°39'33"W.; thence via a line 1 NM north of U.S. Highway 50; to the point of beginning.
Designated altitudes. 500 feet AGL to but not including FL 180.
Time of designation. 0715 to 2330 local time daily; other times by NOTAM
Controlling agency. FAA, Oakland ARTCC.
Using agency. USN, Naval Strike and Air Warfare Center, Fallon, NV.

AMENDMENTS 12/17/09 74 FR 53649 (Amended)

§ 73.49 New Hampshire (NH)

§ 73.50 New Jersey (NJ)

R-5001A Joint Base McGuire-Dix-Lakehurst, NJ
Boundaries. Beginning at Lat. 40°02'45" N., long. 74°26'59" W.; to lat. 40°00'00" N., long. 74°26'19" W.; to lat. 39°59'00" N., long. 74°25'07" W.; to lat. 39°58'00" N., long. 74°24'59" W.; to lat. 39°57'30" N., long. 74°25'16" W.; to lat. 39°57'23" N., long. 74°25'49" W.; to lat. 39°58'45" N., long. 74°27'59" W.; to lat. 39°58'45" N., long. 74°31'24" W.; to lat. 39°59'15" N., long. 74°33'29" W.; to lat. 40°01'53" N., long. 74°33'29" W.; to lat. 40°02'45" N., long. 74°32'29" W.; to the point of beginning.
Designated altitudes. Surface to 4,000 feet MSL.
Time of designation. 0600 to 2330 local time, daily; other times by NOTAM issued at least four hours in advance.
Controlling agency. U.S. Air Force, McGuire Radar Approach Control.
Using agency. Commanding Officer, U.S. Army Support Activity, Joint Base McGuire-Dix-Lakehurst, NJ.

AMENDMENTS 07/24/14 79 FR 27730 (Amended)

R-5001B Joint Base McGuire-Dix-Lakehurst, NJ
Boundaries. Beginning at Lat. 40°02'45" N., long. 74°26'59" W.; to lat. 40°00'00" N., long. 74°26'19" W.; to lat. 39°59'00" N., long. 74°25'07" W.; to lat. 39°58'00" N., long. 74°24'59" W.; to lat. 39°57'30" N., long. 74°25'16" W.; to lat. 39°57'23" N., long. 74°25'49" W.; to lat. 39°58'45" N., long. 74°27'59" W.; to lat. 39°58'45" N., long. 74°31'24" W.; to lat. 40°01'53" N., long. 74°33'29" W.; to lat. 40°02'45" N., long. 74°32'29" W.; to the point of beginning.
Designated altitudes. 4,000 feet MSL to 8,000 feet MSL.
Time of designation. Continuous, sunrise Friday to sunset Sunday, other times by NOTAM at least 48 hours in advance.
Controlling agency. U.S. Air Force, McGuire Radar Approach Control.

Using agency. Commanding Officer, U.S. Army Support Activity, Joint Base McGuire-Dix-Lakehurst, NJ.

AMENDMENTS 07/24/14 79 FR 27730 (Amended)

R-5002A Warren Grove, NJ
Boundaries. Beginning at lat. 39°43'25"N., long. 74°17'36"W.; to lat. 39°38'25"N., long. 74°24'19"W.; to lat. 39°38'30"N., long. 74°29'29"W.; to lat. 39°39'20"N., long. 74°29'59"W.; to lat. 39°44'50"N., long. 74°24'39"W.; to lat. 39°44'50"N., long. 74°19'19"W.; to the point of beginning.
Designated altitudes. Surface to but not including 14,000 feet MSL.
Time of designation. Sunrise to sunset, other times as activated by NOTAM issued at least 48 hours in advance.
Controlling agency. FAA, New York ARTCC.
Using agency. New Jersey ANG, 177th Fighter Wing, Atlantic City, NJ.

AMENDMENT 02/09/12 76 FR 77386 (Amended)

R-5002B Warren Grove, NJ
Boundaries. Beginning at lat. 39°41'00"N., long. 74°20'51"W.; to lat. 39°40'10"N., long. 74°20'14"W.; to lat. 39°38'50"N., long. 74°21'19"W.; to lat. 39°36'00"N., long. 74°26'29"W.; to lat. 39°36'00"N., long. 74°27'29"W.; to lat. 39°37'00"N., long. 74°28'49"W.; to lat. 39°38'30"N., long. 74°29'29"W.; to lat. 39°38'25"N., long. 74°24'19"W.; to the point of beginning.
Designated altitudes. 1,000 feet MSL to but not including 14,000 feet MSL.
Time of designation. Sunrise to sunset, other times as activated by NOTAM issued at least 48 hours in advance.
Controlling agency. FAA, New York ARTCC.
Using agency. New Jersey ANG, 177th Fighter Wing, Atlantic City, NJ.

AMENDMENT 02/09/12 76 FR 77386 (Amended)

R-5002C Warren Grove, NJ
Boundaries. Beginning at lat. 39°39'20"N., long. 74°29'59"W.; to lat. 39°40'30"N., long. 74°30'39"W.; to lat. 39°44'50"N., long. 74°27'29"W.; to lat. 39°44'50"N., long. 74°24'39"W.; to the point of beginning.
Designated altitudes. Surface to 3,000 feet MSL.
Time of designation. Sunrise to sunset, other times as activated by NOTAM issued at least 48 hours in advance.
Controlling agency. FAA, New York ARTCC.
Using agency. New Jersey ANG, 177th Fighter Wing, Atlantic City, NJ.

AMENDMENT 02/09/12 76 FR 77386 (Amended)

R-5002D Warren Grove, NJ
Boundaries. Beginning at lat. 39°44'50"N., long. 74°24'39"W.; to lat. 39°45'20"N., long. 74°23'44"W.; to lat. 39°45'50"N., long. 74°19'59"W.; to lat. 39°44'50"N., long. 74°19'19"W.; to the point of beginning.
Designated altitudes. Surface to 4,000 feet MSL.
Time of designation. Sunrise to sunset, other times as activated by NOTAM issued at least 48 hours in advance.
Controlling agency. FAA, New York ARTCC.
Using agency. New Jersey ANG, 177th Fighter Wing, Atlantic City, NJ.

AMENDMENT 02/09/12 76 FR 77386 (Amended)

R-5002E Warren Grove, NJ
Boundaries. Beginning at lat. 39°43'25"N., long. 74°17'36"W.; to lat. 39°41'00"N., long. 74°20'51"W.; to lat. 39°40'10"N., long. 74°20'14"W.; to the point of beginning.
Designated altitudes. 3,500 feet MSL to but not including 14,000 feet MSL.
Time of designation. Sunrise to sunset, other times as activated by NOTAM issued at least 48 hours in advance.
Controlling agency. FAA, New York ARTCC.
Using agency. New Jersey ANG, 177th Fighter Wing, Atlantic City, NJ.

AMENDMENT 02/09/12 76 FR 77386 (Amended)

R-5002F Warren Grove, NJ
Boundaries. Beginning at lat. 39°43'25"N., long. 74°17'36"W.; to lat. 39°40'10"N., long. 74°20'14"W.; to lat. 39°38'50"N., long. 74°21'19"W.; to lat. 39°38'25"N., long. 74°22'05"W.; to lat. 39°38'25"N., long. 74°24'19"W.; to lat. 39°38'30"N., long. 74°29'29"W.; to lat. 39°39'20"N., long. 74°29'59"W.; to lat. 39°44'50"N., long. 74°24'39"W.; to lat. 39°44'50"N., long. 74°19'19"W.; to the point of beginning.
Designated altitudes. 14,000 feet MSL to but not including FL 200.
Time of designation. Sunrise to sunset; other times as activated by NOTAM issued at least 48 hours in advance.
Controlling agency. FAA, New York ARTCC.
Using agency. New Jersey ANG, 177th Fighter Wing, Atlantic City, NJ.

AMENDMENT 02/09/12 76 FR 77386 (Added)

R-5002G Warren Grove, NJ
Boundaries. Beginning at lat. 39°49'02"N., long. 74°00'45"W.; to lat. 39°38'18"N., long. 74°12'34"W.; to lat. 39°38'25"N., long. 74°22'05"W.; to lat. 39°38'25"N., long. 74°24'19"W.; to lat. 39°38'30"N., long. 74°29'29"W.; to lat. 39°39'20"N., long. 74°29'59"W.; to lat. 39°44'50"N., long. 74°24'39"W.; to lat. 39°49'02"N., long. 74°16'18"W.; to point of beginning.
Designated altitudes. FL 200 to FL 230.

Time of designation. Sunrise to sunset; other times as activated by NOTAM issued at least 48 hours in advance.
Controlling agency. FAA, New York ARTCC.
Using agency. New Jersey ANG, 177th Fighter Wing, Atlantic City, NJ.

AMENDMENT 02/09/12 76 FR 77386 (Added)

§ 73.51 New Mexico (NM)

R-5101 Los Alamos, NM
Boundaries. Beginning at lat. 35°47'00"N., long. 106°14'50"W.; to lat. 35°50'03"N., long. 106°21'38"W.; to lat. 35°52'22"N., long. 106°20'44"W.; to lat. 35°52'52"N., long. 106°16'50"W.; to lat. 35°52'30"N., long. 106°14'50"W.; to the point of beginning.
Designated altitudes. Surface to 12,000 feet MSL.
Time of designation. Continuous.
Using agency. Manager, Energy Research and Development Administration, Los Alamos, NM.

R-5103A McGregor, NM
Boundaries. Beginning at lat. 32°03'55"N., long. 106°10'00"W.; to lat. 32°03'30"N., long. 105°53'50"W.; to lat. 32°00'15"N., long. 105°56'42"W.; to lat. 32°00'30"N., long. 106°10'27"W.; to the point of beginning.
Designated altitudes. Surface to but not including FL 180.
Time of designation. 0700-2000 local time Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Commanding General, Fort Bliss, TX.

AMENDMENTS 10/22/09 74 FR 47719 (Amended)

R-5103B McGregor, NM
Boundaries. Beginning at lat. 32°15'00"N., long. 106°10'02"W.; to lat. 32°15'00"N., long. 105°42'02"W.; to lat. 32°03'30"N., long. 105°53'50"W.; to lat. 32°03'55"N., long. 106°10'00"W.; to lat. 32°05'02"N., long. 106°09'22"W.; to lat. 32°06'00"N., long. 106°15'32"W.; to the point of beginning.
Designated altitudes. Surface to unlimited.
Time of designation. 0700-2000 local time Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Commanding General, Fort Bliss, TX.

AMENDMENTS 10/22/09 74 FR 47719 (Amended)

R-5103C McGregor, NM
Boundaries. Beginning at lat. 32°45'00"N., long. 105°53'02"W.; to lat. 32°45'00"N., long. 105°52'22"W.; to lat. 32°33'20"N., long. 105°30'02"W.; to lat. 32°26'20"N., long. 105°30'02"W.; to lat. 32°15'00"N., long. 105°42'02"W.; to lat. 32°15'00"N., long. 106°10'02"W.; then along the Southern Pacific Railroad to lat. 32°28'00"N., long. 106°02'02"W.; to lat. 32°27'40"N., long. 106°00'02"W.; to lat. 32°36'00"N., long. 106°00'00"W.; to lat. 32°45'00"N., long. 105°59'02"W.; to the point of beginning, excluding that airspace within a 2 NM radius of lat. 32°39'02"N., long. 105°40'36"W.; from the surface to 1,500' AGL and also excluding that airspace beginning at lat. 32°42'49"N., long. 105°48'12"W.; to lat. 32°40'47"N., long. 105°49'40"W.; to lat. 32°39'42"N., long. 105°47'44"W.; to lat. 32°41'48"N., long. 105°46'14"W.; to the point of beginning from the surface to 1,500' above the surface.
Designated altitudes. Surface to unlimited.
Time of designation. 0700-2000 local time Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Commanding General, Fort Bliss, TX.

AMENDMENTS 10/22/09 74 FR 47719 (Amended)

R-5104A Melrose, NM
Boundaries. Beginning at lat. 34°28'00"N., long. 103°43'17"W.; to lat. 34°25'25"N., long. 103°40'02"W.; to lat. 34°14'30"N., long. 103°40'02"W.; to lat. 34°10'00"N., long.103°46'02"W.; to lat. 34°10'00"N., long. 103°55'02"W.; to lat. 34°28'00"N., long. 103°55'02"W.; to the point of beginning.
Designated altitudes. Surface to but not including 18,000 feet MSL.
Time of designation. 0800-2400 local time Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Commander, Cannon AFB, NM.

AMENDMENTS 01/01/98 62 FR 55503 (Amended)

R-5104B Melrose, NM
Boundaries. Beginning at lat. 34°28'00"N., long. 103°43'17"W.; to lat. 34°25'25"N., long. 103°40'02"W.; to lat. 34°14'30"N., long. 103°40'02"W.; to lat. 34°10'00"N., long.103°46'02"W.; to lat. 34°10'00"N., long. 103°55'02"W.; to lat. 34°28'00"N., long. 103°55'02"W.; to the point of beginning.
Designated altitudes. 18,000 feet MSL to 23,000 feet MSL.
Time of designation. 0800-2400 local time Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Commander, Cannon AFB, NM.

AMENDMENTS 01/01/98 62 FR 55503 (Amended)

R-5105 Melrose, NM
Boundaries. Beginning at lat. 34°39'00"N., long. 103°55'02"W.; to lat. 34°39'00"N., long. 103°40'02"W.; to lat. 34°25'25"N., long. 103°40'02"W.; to lat. 34°28'00"N., long.103°43'17"W.; to lat. 34°28'00"N., long. 103°55'02"W.; to the point of beginning.
Designated altitudes. Surface to 10,000 feet MSL.
Time of designation. 0800-2400 local time Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Commander, Cannon AFB, NM.

AMENDMENTS 01/01/98 62 FR 55503 (Amended)

R-5107A White Sands Missile Range, NM
Boundaries. Beginning at lat. 32°19'30"N., long. 106°34'02"W.; to lat. 32°19'30"N., long. 106°23'49"W.; to lat. 32°14'33"N., long. 106°23'46"W.; to lat. 32°12'17"N., long. 106°24'17"W.; to lat. 32°08'51"N., long. 106°30'01"W.; to lat. 32°08'40"N., long. 106°34'02"W.; to the point of beginning.
Designated altitudes. Surface to unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Commanding General, Fort Bliss, TX.

AMENDMENT 11/20/08 73 FR 52916 (Revised)

R-5107B White Sands Missile Range, NM
Boundaries. Beginning at lat. 33°44'45"N., long. 106°04'02"W.; to lat. 32°50'00"N., long. 106°04'02"W.; to lat. 32°36'00"N., long. 106°06'02"W.; to lat. 32°25'00"N., long. 106°06'02"W.; to lat. 32°23'18"N., long. 106°07'05"W.; to lat. 32°24'48"N., long.106°09'02"W.; to lat. 32°19'30"N., long. 106°20'38"W.; to lat. 32°19'30"N., long. 106°39'32"W.; to lat. 33°13'00"N., long. 106°52'02"W.; to lat. 33°49'45"N., long. 106°45'22"W.; to lat. 33°49'30"N., long. 106°16'32"W.; thence along the south side of U.S. Highway 380 to the point of beginning; excluding the airspace in R-5107D, R-5107F, and R-5107G; and that airspace from the surface to and including 1,500 feet above the surface within a 2-nautical-mile radius of lat. 32°26'35"N., long. 106°40'47"W., to lat. 32°30'00"N., long. 106°41'12"W.; and lat. 32°23'49"N., long. 106°41'29"W.
Designated altitudes. Surface to unlimited.
Time of designation. Continuous.
Using agency. Commanding General, White Sands Missile Range, NM.

AMENDMENTS 01/01/98 62 FR 60456 (Amended)

R-5107C White Sands Missile Range, NM
Boundaries. Beginning at lat. 34°17'00"N., long. 106°04'02"W.; to lat. 33°44'45"N., long. 106°04'02"W.; thence along the south side of U.S. Highway 380 to lat. 33°49'30"N., long.

106°16'32"W.; to lat. 33°49'45"N., long. 106°45'22"W.; to lat. 34°15'45"N., long. 106°40'32"W.; to lat. 34°17'00"N., long. 106°12'02"W; to the point of beginning.
Designated altitudes. 9,000 feet MSL to unlimited.
Time of designation. Continuous Monday-Friday. Other times as activated by NOTAM issued at least 12 hours in advance.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Commanding General, White Sands Missile Range, NM 88002.

AMENDMENTS 05/25/95 60 FR 15229 (Amended)

R-5107D White Sands Missile Range, NM
Boundaries. Beginning at lat. 33°34'00"N., long. 106°04'02"W.; to lat. 33°04'00"N., long. 106°21'02"W.; to lat. 32°34'00"N., long. 106°15'02"W.; to lat. 32°34'00"N., long.106°06'02"W.; to lat. 32°36'00"N., long. 106°06'02"W.; to lat. 32°50'00"N., long. 106°04'02"W.; to the point of beginning.
Designated altitudes. Surface to 22,000 feet MSL.
Time of designation. Continuous.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Commanding General, White Sands Missile Range, NM 88002.

AMENDMENTS 05/25/95 60 FR 15229 (Amended)

R-5107E White Sands Missile Range, NM
Boundaries. From the point where an arc of a 19 NM radius centered at lat. 33°45'00"N., long. 106°26'32"W., intersects the western boundary of R-5107C, to lat. 33°54'00"N., long. 106°46'32"W.; to lat. 33°32'45"N., long. 106°58'47"W.; to lat. 33°26'50"N., long.107°00'02"W.; to lat. 33°35'00"N., long. 106°48'02"W.; to the point of beginning.
Designated altitudes. Surface to unlimited.
Time of designation. As published by NOTAM at least 12 hours in advance.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Commanding General, White Sands Missile Range, NM 88002.

AMENDMENTS 05/25/95 60 FR 15229 (Amended)

R-5107F White Sands Missile Range, NM
Boundaries. Beginning at lat. 33°10'10"N., long. 107°10'57"W.; to lat. 33°20'30"N., long. 107°08'22"W.; to lat. 33°16'10"N., long. 106°51'42"W.; to lat. 33°05'30"N., long.106°04'02"W.; to lat. 33°00'00"N., long. 105°27'02"W.; to lat. 32°45'00"N., long. 105°27'02"W.; to lat. 32°45'00"N., long. 105°49'02"W.; to lat. 32°50'30"N., long. 106°04'02"W.; to lat. 33°05'00"N., long. 106°50'22"W.; to the point of beginning.
Designated altitudes. From FL 240 to FL 450.

Time of designation. 0001 Monday through 2359 Friday, other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Commanding General, White Sands Missile Range, NM 88002.

AMENDMENTS 05/25/95 60 FR 15229 (Amended)

R-5107G White Sands Missile Range, NM
Boundaries. Beginning at lat. 33°11'40"N., long. 107°10'27"W.; to lat. 33°21'00"N., long. 107°08'02"W.; to lat. 33°22'55"N., long. 107°05'52"W.; to lat. 33°25'20"N., long. 105°27'02"W.; to lat. 33°14'00"N., long. 105°27'02"W.; to the point of beginning.
Designated altitudes. From FL 240 to FL 450.
Time of designation. 0001 Monday through 2359 Friday, other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Commanding General, White Sands Missile Range, NM 88002.

AMENDMENTS 05/25/95 60 FR 15229 (Amended)

R-5107H White Sands Missile Range, NM
Boundaries. Beginning at lat. 34°17'00"N., long. 106°04'02"W.; to lat. 33°52'30"N., long. 106°04'02"W.; to lat. 33°52'30"N., long. 106°25'12"W.; to lat. 33°49'45"N., long.106°25'12"W.; to lat. 33°49'45"N., long. 106°45'22"W.; to lat. 34°15'45"N., long. 106°40'32"W.; to lat. 34°17'00"N., long. 106°12'02"W.; to the point of beginning.
Designated altitudes. Surface to and including 9,000 feet MSL.
Time of designation. As published in NOTAM's at least 12 hours in advance.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Commanding General, White Sands Missile Range, NM 88002.

AMENDMENTS 05/25/95 60 FR 15229 (Amended)

R-5107J White Sands Missile Range, NM
Boundaries. Beginning at lat. 33°52'30"N., long. 106°04'02"W.; to lat. 33°44'45"N., long. 106°04'02"W.; thence along the south side of U.S. Highway 380; to lat. 33°49'30"N., long.106°16'32"W.; to lat. 33°49'45"N., long. 106°25'12"W.; to lat. 33°52'30"N., long. 106°25'12"W.; to the point of beginning.
Designated altitudes. Surface to and including 9,000 feet MSL.
Time of designation. Continuous, Monday-Friday. Other times as activated by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Commanding General, White Sands Missile Range, NM.

AMENDMENTS 01/01/98 62 FR 60456 (Amended)

R-5107K White Sands Missile Range, NM
Boundaries. Beginning at lat. 32°19'30"N., long. 106°23'49"W.; to lat. 32°19'30"N., long. 106°20'38"W.; to lat. 32°24'48"N., long. 106°09'02"W.; to lat. 32°23'18"N., long. 106°07'05"W.; to lat. 32°05'00"N., long. 106°18'22"W.; to lat. 32°05'00"N., long. 106°29'02"W.; to lat. 32°06'20"N., long. 106°34'02"W.; to lat. 32°08'40"N., long. 106°34'02"W.; to lat. 32°08'51"N., long. 106°30'01"W.; to lat. 32°12'17"N., long. 106°24'17"W.; to lat. 32°14'33"N., long. 106°23'46"W.; to the point of beginning.
Designated altitudes. Surface to unlimited.
Time of designation. 0700-2000 local time, Monday-Friday, other times by NOTAM.
Controlling agency. FAA, Albuquerque, ARTCC.
Using agency. Commanding General, U.S. Army Air Defense Artillery Center and Fort Bliss Center, (USAADCENFB) Fort Bliss, TX.

AMENDMENT 11/20/08 73 FR 52916 (Added)

R-5109A White Sands Missile Range, NM
Boundaries. Beginning at lat. 33°31'30"N., long. 105°27'02"W.; to lat. 32°45'00"N., long. 105°27'02"W.; to lat. 32°45'00"N., long. 105°59'02"W.; to lat. 32°36'00"N., long.106°00'02"W.; to lat. 32°36'00"N., long. 106°06'02"W.; to lat. 32°50'00"N., long. 106°04'02"W.; to lat. 33°44'10"N., long. 106°04'02"W.; to the point of beginning, excluding the airspace in Restricted Areas R-5107F and R-5107G.
Designated altitudes. From 24,000 feet MSL to unlimited.
Time of designation. Intermittent by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Commanding General, White Sands Missile Range, NM 88002.

AMENDMENTS 05/25/95 60 FR 15229 (Amended)

R-5109B White Sands Missile Range, NM
Boundaries. Beginning at lat. 34°17'00"N., long. 106°04'02"W.; to lat. 34°17'00"N., long. 105°51'02"W.; to lat. 33°57'00"N., long. 105°27'02"W.; to lat. 33°31'30"N., long.105°27'02"W.; to lat. 33°44'10"N., long. 106°04'02"W.; to the point of beginning.
Designated altitudes. From 24,000 feet MSL to unlimited.
Time of designation. Intermittent by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Commanding General, White Sands Missile Range, NM 88002.

AMENDMENTS 05/25/95 60 FR 15229 (Amended)

R-5111A Elephant Butte, NM
Boundaries. Beginning at lat. 32°43'00"N., long. 106°45'02"W.; to lat. 32°45'45"N., long. 106°57'02"W.; to lat. 32°52'00"N., long. 107°00'02"W.; to lat. 33°26'50"N., long.107°00'02"W.;

to lat. 33°35'00"N., long. 106°48'02"W.; to lat. 33°13'00"N., long. 106°52'02"W.; to the point of beginning, excluding the airspace in R-5107F and R-5107G.
Designated altitudes. 13,000 feet MSL to unlimited.
Time of designation. As published by NOTAM at least 12 hours in advance.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Commanding General, White Sands Missile Range, NM 88002.

AMENDMENTS 05/25/95 60 FR 15229 (Amended)

R-5111B Elephant Butte, NM
Boundaries. Beginning at lat. 32°43'00"N., long. 106°45'02"W.; to lat. 32°45'45"N., long. 106°57'02"W.; to lat. 32°52'00"N., long. 107°00'02"W.; to lat. 33°26'50"N., long.107°00'02"W.; to lat. 33°35'00"N., long. 106°48'02"W.; to lat. 33°13'00"N., long.106°52'02"W.; to the point of beginning.
Designated altitudes. Surface to 13,000 feet MSL.
Time of designation. As published by NOTAM at least 12 hours in advance.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Commanding General, White Sands Missile Range, NM 88002.

AMENDMENTS 05/25/95 60 FR 15229 (Amended)

R-5111C Elephant Butte, NM
Boundaries. Beginning at lat. 32°45'45"N., long. 106°57'02"W.; to lat. 32°47'00"N., long. 107°06'02"W.; to lat. 33°00'00"N., long. 107°13'02"W.; to lat. 33°21'00"N., long.107°08'02"W.; to lat. 33°26'50"N., long. 107°00'02"W.; to lat. 32°52'00"N., long. 107°00'02"W.; to the point of beginning, excluding the airspace in R-5107F and R-5107G.
Designated altitudes. 13,000 feet MSL to unlimited.
Times of designation. As published by NOTAM at least 12 hours in advance.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Commanding General, White Sands Missile Range, NM 88002.

AMENDMENTS 05/25/95 60 FR 15229 (Amended)

R-5111D Elephant Butte, NM
Boundaries. Beginning at lat. 32°45'45"N., long. 106°57'02"W.; to lat. 32°47'00"N., long. 107°06'02"W.; to lat. 33°00'00"N., long. 107°13'02"W.; to lat. 33°21'00"N., long.107°08'02"W.; to lat. 33°26'50"N., long. 107°00'02"W.; to lat. 32°52'00"N., long. 107°00'02"W.; to the point of beginning.
Designated altitudes. Surface to but not including 13,000 feet MSL.

Times of designation. As published by NOTAM at least 12 hours in advance.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Commanding General, White Sands Missile Range, NM.

AMENDMENTS 01/01/98 62 FR 60456 (Amended)

R-5113 Socorro, NM
Boundaries. Beginning at lat. 34°00'00"N., long. 107°07'32"W.; to lat. 33°55'30"N., long. 107°07'32"W.; to lat. 33°55'30"N., long. 107°12'32"W.; to lat. 34°00'00"N., long. 107°12'32"W.; to the point of beginning.
Designated altitudes. Surface to 45,000 feet MSL.
Time of designation. From 0900 to 1900 local time, daily June 1 through September 30, annually.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. U.S. Air Force, Air Force Research Laboratory.

AMENDMENTS 11/18/10 75 FR 53863 (Amended)

R-5115 Deming, NM
Boundaries. A 2 mile radius centered at lat. 32°01'07"N., long. 107°51'54"W.
Designated altitudes. Surface to 15,000 feet MSL.
Time of designation. Continuous.
Controlling agency. FAA, Albuquerque ARTCC.
Using Agency. U.S. Customs and Border Protection, Air and Marine Operations Center (AMOC), Riverside, CA.

AMENDMENTS 08/05/04 69 FR 30575 (Amended)

R-5117 Fort Wingate, NM
Boundaries. Beginning at lat. 35 º25'51"N., long. 108 º30'09"W.; to lat. 35 º28'46"N., long. 108 º37'14"W.; to lat. 35 º28'46"N., long. 108 º37'39"W.; to lat. 35 º21'27"N., long. 108 º36'58"W.; to the point of beginning.
Designated altitudes. Surface to unlimited.
Time of designation. Intermittent by NOTAM 24 hours in advance.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Commanding General, White Sands Missile Range, NM.

AMENDMENTS 06/15/00 65 FR 21306 (Added)

R-5119 Socorro, NM
Boundaries. Beginning at lat. 33º59'56"N., long. 106º43'29"W.; to lat. 33º59'51"N., long. 106º56'27"W.; to lat. 34º08'16"N., long. 107º05'17"W.; to lat. 34º00'28"N., long. 107º12'04"W.; to lat. 33º46'04"N., long. 107º02'38"W.; to lat. 33 º26'49"N., long. 107º02'25"W.; to lat.

33º26'49"N., long. 107º00'00"W.; to lat. 33º32'44"N., long. 106º58'47"W; to lat. 33º54'10"N., long. 106º46'24"W.; to lat. 33º57'16"N., long. 106º43'58"W.; to the point of beginning.
Designated altitudes. FL 350 to unlimited.
Time of designation. Intermittent by NOTAM 24 hours in advance.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Commanding General, White Sands Missile Range, NM.

AMENDMENTS 06/15/00 65 FR 21306 (Added)

R-5121 Fort Wingate, NM
Boundaries. Beginning at lat. 35º25'51"N., long. 108º30'09"W.; to lat. 35º21'22"N., long. 108º25'59"W.; to lat. 35º19'18"N., long. 108º28'10"W.; to lat. 35º17'48"N., long. 108º31'41"W.; to lat. 35º21'27"N., long. 108º36'58"W.; to the point of beginning.
Designated altitudes. FL 200 to unlimited.
Time of designation. Intermittent by NOTAM 24 hours in advance.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Commanding General, White Sands Missile Range, NM.

AMENDMENTS 06/15/00 65 FR 21306 (Added)

R-5123 Magdalena, NM
Boundaries. Beginning at lat. 34º22'30"N., long. 107º57'00"W.; to lat. 34º25'00"N., long. 107º49'00" W.; to lat. 34º24'45"N., long. 107º37'00"W.; to lat. 34º18'00"N., long. 107º30'00"W.; to lat. 34º15'08"N., long. 107º37'00 W.; to lat. 34º19'00"N., long. 107º40'00"W.; to lat. 34º15'08"N., long. 107º45'20"W.; to lat. 34º14'52"N., long. 107º44'40"W.; to lat. 34º13'00"N., long. 107º48'00"W.; to the point of beginning.
Designated altitudes. Surface to unlimited.
Time of designation. Intermittent by NOTAM 24 hours in advance.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. Commanding General, White Sands Missile Range, NM.

AMENDMENTS 06/15/00 65 FR 21306 (Added)

§ 73.52 New York (NY)

R-5201 Fort Drum, NY
Boundaries. Beginning at lat. 44°01'05"N., long. 75°37'14"W.; to lat. 44°03'20"N., long. 75°40'49"W.; to lat. 44°06'55"N., long. 75°42'09"W.; to lat. 44°10'50"N., long. 75°38'59"W.; to lat. 44°16'07"N., long. 75°32'41"W.; to lat. 44°11'24"N., long. 75°22'59"W.; to lat. 44°07'10"N., long. 75°26'49"W.; thence to the point of beginning.
Designated altitudes. Surface to 23,000 feet MSL.

Time of designation. Continuous April 1 through September 30 and 0600 through 1800 hours local time, October 1 through March 31; other times by NOTAM 48 hours in advance.
Controlling agency. FAA, Boston ARTCC.
Using agency. Commanding Officer, Fort Drum, NY.

AMENDMENTS 04/18/02 67 FR 6644 (Amended)

R-5202A Fort Drum, NY
Boundaries. Beginning at lat. 44°01'05"N., long. 75°37'14"W.; to lat. 44°03'20"N., long. 75°40'49"W.; to lat. 44°06'55"N., long. 75°42'09"W.; to lat. 44°10'50"N., long. 75°38'59"W.; to lat. 44°16'07"N., long. 75°32'41"W.; to lat. 44°11'24"N., long. 75°22'59"W.; to lat. 44°07'10"N., long. 75°26'49"W.; to the point of beginning.
Designated altitudes. 23,000 feet MSL to FL 290.
Time of designation. May 1-August 31: 0800-1700 local time, Monday-Friday; other times by NOTAM. September 1-April 30: 0800-2200 local time, Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Boston ARTCC.
Using agency. NY ANG, 174FW/Det 1, Fort Drum, NY.

AMENDMENTS 11/20/08 73 FR 55723 (Added)

R-5202B Fort Drum, NY
Boundaries. Beginning at lat. 44°10'18"N., long. 75°41'18"W.; to lat. 44°20'32"N., long. 75°32'04"W.; to lat. 44°14'00"N., long. 75°17'00"W.; to lat. 44°06'00"N., long. 75°25'10"W.; to lat. 44°06'00"N., long. 75°28'49"W.; to lat. 44°07'10"N., long. 75°26'49"W.; to lat. 44°11'24"N., long. 75°22'59"W.; to lat. 44°16'07"N., long. 75°32'41"W.; to lat. 44°10'50"N., long. 75°38'59"W.; to lat. 44°09'34"N., long. 75°40'00"W.; to the point of beginning.
Designated altitudes. 6,000 feet MSL to FL 290.
Time of designation. May 1-August 31: 0800-1700 local time, Monday-Friday; other times by NOTAM. September 1-April 30: 0800-2200 local time, Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Boston ARTCC.
Using agency. NY ANG, 174FW/Det 1, Fort Drum, NY.

AMENDMENTS 11/20/08 73 FR 55723 (Added)

R-5203 Oswego, NY
Boundaries. Beginning at lat. 43°37'00"N., long. 76°44'59"W.; to lat. 43°24'00"N., long. 76°44'59"W.; to lat. 43°24'00"N., long. 77°59'59"W.; to lat. 43°37'00"N., long. 77°59'59"W.; to the point of beginning.
Designated altitudes. Surface to FL 500.
Time of designation. By NOTAM 24 hours in advance.

Controlling agency. FAA, Cleveland ARTCC.
Using agency. Air National Guard, 174th Fighter Wing, Hancock Field, NY.

AMENDMENTS 12/30/99 64 FR 60339 (Amended)

R-5206 West Point, NY
Boundaries. Beginning at lat. 41°23'08"N., long. 73°59'59"W.; to lat. 41°23'08"N., long. 73°59'41"W.; thence along south side of U.S. Highway 9W to lat. 41°22'32"N., long. 73°58'57"W.; to lat. 41°22'18"N., long. 73°58'57"W.; to lat. 41°20'04"N., long. 74°00'41"W.; thence along north side of Mine Torne Road to lat. 41°21'24"N., long. 74°02'37"W.; thence along east side of New York State Highway 293 to the point of beginning.
Designated altitudes. Surface to and including 5,000 feet MSL.
Time of designation. 0600 to 2400 local, July 1 to August 31, other dates and times by NOTAM 48 hours in advance.
Controlling agency. FAA, New York Approach Control.
Using agency. Superintendent, U. S. Military Academy, West Point, NY.

AMENDMENTS 02/07/91 55 FR 51408 (Amended)

§ 73.53 North Carolina (NC)

R-5301 Harvey Point, NC
Boundaries. Beginning at lat. 36°04'56"N., long. 76°16'47"W.; to lat. 36°04'23"N., long. 76°20'59"W.; to lat. 36°06'58"N., long. 76°20'58"W.; thence clockwise via a 3 nautical mile arc centered at lat. 36°04'01"N., long. 76°20'19"W.; to the point of beginning.
Designated altitudes. Surface to 14,000 feet MSL.
Time of designation. Continuous.
Controlling agency. FAA, Washington ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Virginia Capes (FACSFAC VACAPES), Virginia Beach, VA.

AMENDMENTS 08/20/15 80 FR 34265 (Added)

R-5302A Albemarle Sound, NC
Boundaries. Beginning at lat. 36°01'21"N., long. 76°14'29"W.; to lat. 36°02'19"N., long. 76°07'14"W.; to lat. 36°00'01"N., long. 76°07'14"W.; to lat. 36°00'01"N., long. 76°14'29"W.; to the point of beginning.
Designated altitudes. Surface to 14,000 feet MSL.
Time of designation. By NOTAM at least 24 hours in advance.

Controlling agency. USMC, Marine Corps Air Station Cherry Point Approach Control.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Virginia Capes (FACSFAC VACAPES), Virginia Beach, VA.

AMENDMENT 03/31/16 81 FR 9089 (Amended)

R-5302B Albemarle Sound, NC
Boundaries. Beginning at lat. 36°04'59"N., long. 76°16'29"W.; to lat. 36°04'01"N., long. 76°05'59"W.; to lat. 36°00'01"N., long. 76°05'59"W.; to lat. 36°00'01"N., long. 76°12'59"W.; to lat. 36°00'04"N., long. 76°24'17"W.; thence clockwise via a 4 nautical mile arc centered at lat. 36°02'01"N., long. 76°19'59"W.; to lat. 36°03'56"N., long. 76°24'18"W.; to the point of beginning.
Designated altitudes. 100 feet AGL to 14,000 feet MSL.
Time of designation. By NOTAM at least 24 hours in advance.
Controlling agency. USMC, Marine Corps Air Station Cherry Point Approach Control.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Virginia Capes (FACSFAC VACAPES), Virginia Beach, VA.

AMENDMENT 03/31/16 81 FR 9089 (Amended)

R-5302C Albemarle Sound, NC
Boundaries. Beginning at lat. 36°00'01"N., long. 76°12'59"W.; to lat. 35°58'50"N., long. 76°16'58"W.; thence clockwise via a 4 nautical mile arc centered at lat. 36°02'01"N., long. 76°19'59"W.; to lat. 36°00'04"N., long. 76°24'17"W.; to the point of beginning.
Designated altitudes. 100 feet AGL to 3,000 feet MSL.
Time of designation. By NOTAM at least 24 hours in advance.
Controlling agency. USMC, Marine Corps Air Station Cherry Point Approach Control.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Virginia Capes (FACSFAC VACAPES), Virginia Beach, VA.

AMENDMENT 03/31/16 81 FR 9089 (Amended)

R-5303A Camp Lejeune, NC
Boundaries. Beginning at lat. 34°41'40"N., long. 77°33'09"W.; to lat. 34°39'16"N., long. 77°28'31"W.; to lat. 34°36'51"N., long. 77°29'01"W.; to lat. 34°36'13"N., long. 77°31'51"W.; to lat. 34°37'03"N., long. 77°35'25"W.; to lat. 34°38'49"N., long. 77°37'31"W.; to the point of beginning.
Designated altitudes. Surface to but not including 7,000 feet MSL, excluding the airspace 1,500 feet AGL and below within a 3NM radius of Sky Manor airport.
Time of designation. 0600-1800 Monday-Friday; other times by NOTAM at least 24 hours in advance.

Controlling agency. USMC, Cherry Point Approach Control.
Using agency. USMC, Commanding General, Marine Corps Installations East-Marine Corps Base Camp Lejeune, NC.

AMENDMENTS 04/03/14 79 FR 3326 (Amended)

R-5303B Camp Lejeune, NC
Boundaries. Beginning at lat. 34°41'40"N., long. 77°33'09"W.; to lat. 34°39'16"N., long. 77°28'31"W.; to lat. 34°36'51"N., long. 77°29'01"W.; to lat. 34°36'13"N., long. 77°31'51"W.; to lat. 34°37'03"N., long. 77°35'25"W.; to lat. 34°38'49"N., long. 77°37'31"W.; to the point of beginning.
Designated altitudes. 7,000 feet MSL to but not including 10,000 feet MSL.
Time of designation. By NOTAM at least 24 hours in advance.
Controlling agency. USMC, Cherry Point Approach Control.
Using agency. USMC, Commanding General, Marine Corps Installations East-Marine Corps Base Camp Lejeune, NC.

AMENDMENTS 04/03/14 79 FR 3326 (Amended)

R-5303C Camp Lejeune, NC
Boundaries. Beginning at lat. 34°41'40"N., long. 77°33'09"W.; to lat. 34°39'16"N., long. 77°28'31"W.; to lat. 34°36'51"N., long. 77°29'01"W.; to lat. 34°36'13"N., long. 77°31'51"W.; to lat. 34°37'03"N., long. 77°35'25"W.; to lat. 34°38'49"N., long. 77°37'31"W.; to the point of beginning.
Designated altitudes. 10,000 feet MSL to but not including FL 180.
Time of designation. By NOTAM at least 24 hours in advance.
Controlling agency. FAA, Washington ARTCC.
Using agency. USMC, Commanding General, Marine Corps Installations East-Marine Corps Base Camp Lejeune, NC.

AMENDMENTS 04/03/14 79 FR 3326 (Amended)

R-5304A Camp Lejeune, NC
Boundaries. Beginning at lat. 34°37'03"N., long. 77°35'25"W.; to lat. 34°36'13"N., long. 77°31'51"W.; to lat. 34°36'51"N., long. 77°29'01"W.; to lat. 34°32'16"N., long. 77°30'13"W.; to lat. 34°29'43"N., long. 77°33'15"W.; to lat. 34°32'42"N., long. 77°34'54"W.; to the point of beginning.
Designated altitudes. Surface to but not including 7,000 feet MSL, excluding the airspace 1,500 feet AGL and below within a 3NM radius of Holly Ridge airport.
Time of designation. 0600-1800, Monday-Friday; other times by NOTAM at least 24 hours in advance.

Controlling agency. USMC, Cherry Point Approach Control.
Using agency. USMC, Commanding General, Marine Corps Installations East-Marine Corps Base Camp Lejeune, NC.

AMENDMENTS 04/03/14 79 FR 3326 (Amended)

R-5304B Camp Lejeune, NC
Boundaries. Beginning at lat. 34°37'03"N., long.77°35'25"W.; to lat. 34°36'13"N., long. 77°31'51"W.; to lat. 34°36'51"N., long. 77°29'01"W.; to lat. 34°32'16"N., long. 77°30'13"W.; to lat. 34°29'43"N., long. 77°33'15"W.; to lat. 34°32'42"N., long. 77°34'54"W.; to the point of beginning.
Designated altitudes. 7,000 feet MSL to but not including 10,000 feet MSL.
Time of designation. By NOTAM at least 24 hours in advance.
Controlling agency. USMC, Cherry Point Approach Control.
Using agency. USMC, Commanding General, Marine Corps Installations East-Marine Corps Base Camp Lejeune, NC.

AMENDMENTS 04/03/14 79 FR 3326 (Amended)

R-5304C Camp Lejeune, NC
Boundaries. Beginning at lat. 34°37'03"N., long. 77°35'25"W.; to lat. 34°36'13"N., long. 77°31'51"W.; to lat. 34°36'51"N., long. 77°29'01"W.; to lat. 34°32'16"N., long. 77°30'13"W.; to lat. 34°29'43"N., long. 77°33'15"W.; to lat. 34°32'42"N., long. 77°34'54"W.; to the point of beginning.
Designated altitudes. 10,000 feet MSL to but not including FL180.
Time of designation. By NOTAM at least 24 hours in advance.
Controlling agency. FAA, Washington ARTCC.
Using agency. USMC, Commanding General, Marine Corps Installations East-Marine Corps Base Camp Lejeune, NC.

AMENDMENTS 07/24/14 79 FR 29074 (Amended)

R-5306A Cherry Point, NC
Boundaries. Beginning at lat. 35°23'16"N., long. 76°34'39"W.; to lat. 35°18'16"N., long. 76°16'39"W.; to lat. 35°04'31"N., long. 76°04'29"W.; to lat. 34°46'46"N., long. 76°24'44"W.; to lat. 34°46'01"N., long. 76°29'59"W.; to lat. 35°08'01"N., long. 76°51'19"W.; thence to the point of beginning.
Designated altitudes. Surface to but not including FL 180.
Time of designation. Continuous.
Controlling agency. Marine Corps Air Station Cherry Point Approach Control.
Using agency. USMC, Commanding Officer, U.S. Marine Corps Air Station Cherry Point, NC.

AMENDMENTS 04/10/08 73 FR 8598 (Amended)

R-5306C Cherry Point, NC
Boundaries. Beginning at lat. 34°51'01"N., long. 77°05'29"W.; to lat. 34°42'01"N., long. 76°54'44"W.; to lat. 34°41'51"N., long. 76°56'19"W.; to lat. 34°37'31"N., long. 76°56'19"W.; thence southwest along a line 3 nautical miles from and parallel to the shoreline to lat. 34°34'31"N., long. 77°08'59"W.; to lat. 34°44'51"N., long. 77°14'39"W.; to lat. 34°49'31"N., long. 77°09'59"W.; thence to the point of beginning.
Designated altitudes. From 1,200 feet MSL to, but not including FL 180.
Time of designation. Continuous.
Controlling agency. Marine Corps Air Station Cherry Point Approach Control.
Using agency. USMC, Commanding Officer, U.S. Marine Corps Air Station Cherry Point, NC.

AMENDMENTS 04/10/08 73 FR 8598 (Amended)

R-5306D Cherry Point, NC
Boundaries. Beginning at lat. 34°44'51"N., long. 77°14'39"W.; to lat. 34°34'31"N., long. 77°08'59"W.; thence southwest along a line 3 nautical miles from and parallel to the shoreline to lat. 34°30'21"N.; long. 77°15'49"W.; to lat. 34°33'01"N., long. 77°18'59"W.; to lat. 34°36'06"N., long. 77°26'07"W.; to lat. 34°40'01"N., long. 77°21'59"W.; to lat. 34°39'11"N., long. 77°20'49"W.; thence to the point of beginning.
Designated altitudes. Surface to, but not including FL 180.
Time of designation. Continuous.
Controlling agency. Marine Corps Air Station Cherry Point Approach Control.
Using agency. USMC, Commanding General, Marine Corps Installations East-Marine Corps Base Camp Lejeune, NC.

AMENDMENTS 04/03/14 79 FR 3326 (Amended)

R-5306E Cherry Point, NC
Boundaries. Beginning at lat. 34°40'21"N., long. 77°22'11"W.; to lat. 34°40'01"N., long. 77°21'59"W.; to lat. 34°36'06"N., long. 77°26'07"W.; to lat. 34°38'13"N., long. 77°25'59"W.; thence to the point of beginning.
Designated altitudes. Surface to, but not including FL 180.
Time of designation. Continuous.
Controlling agency. Marine Corps Air Station Cherry Point Approach Control.
Using agency. USMC, Commanding General, Marine Corps Installations East-Marine Corps Base Camp Lejeune, NC.

AMENDMENTS 04/03/14 79 FR 3326 (Amended)

R-5306F Cherry Point, NC
Boundaries. Beginning at lat. 35°23'16" N, long. 76°34'39" W; to lat. 35°18'16" N, long. 76°16'39" W; to lat. 35°04'31" N, long. 76°04'29"W.; to lat. 35°00'31"N., long. 76°00'59"W.; to lat. 35°00'22"N., long. 76°00'51"W.; thence southwest 3 NM from and parallel to the shoreline to

lat. 34°40'16"N., long. 76°24'45"W.; to lat. 34°40'41"N., long. 76°25'08"W.; to lat. 34°46'01"N., long. 76°29'59"W.; to lat. 35°08'01"N., long. 76°51'19"W.; to the point of beginning.
Designated altitudes. FL 180 to FL 290.
Time of designation. Monday through Friday, 0800-0000; other times by NOTAM.
Controlling agency. FAA, Washington ARTCC.
Using agency. USMC, Commanding Officer, U.S. Marine Corps Air Station Cherry Point, NC.

AMENDMENT 12/02/21 86 FR 44603 (Added)

R-5311A Fort Bragg, NC
Boundaries. Beginning at lat. 35°10'47"N., long. 79°01'55"W.; to lat. 35°08'48"N., long. 79°01'59"W.; to lat. 35°07'01"N., long. 79°02'29"W.; to lat. 35°05'36"N., long. 79°01'49"W.; to lat. 35°02'56"N., long. 79°05'39"W.; to lat. 35°02'46"N., long. 79°20'09"W.; to lat. 35°07'06"N., long. 79°22'49"W.; to lat. 35°09'41"N., long. 79°20'09"W.; thence along Little River to the point of beginning.
Designated altitudes. Surface to but not including 7,000 feet MSL.
Time of designation. Continuous.
Controlling agency. FAA, Washington ARTCC.
Using agency. Commanding General, Fort Bragg, NC.

R-5311B Fort Bragg, NC
Boundaries. Beginning at lat. 35°10'47"N., long. 79°01'55"W.; to lat. 35°08'48"N., long. 79°01'59"W.; to lat. 35°07'01"N., long. 79°02'29"W.; to lat. 35°05'36"N., long. 79°01'49"W.; to lat. 35°02'56"N., long. 79°05'39"W.; to lat. 35°02'46"N., long. 79°20'09"W.; to lat. 35°07'06"N., long. 79°22'49"W.; to lat. 35°09'41"N., long. 79°20'09"W.; thence along Little River to the point of beginning.
Designated altitudes. From 7,000 feet MSL to but not including 12,000 feet MSL.
Time of designation. Continuous.
Controlling agency. FAA, Washington ARTCC.
Using agency. Commanding General, Fort Bragg, NC.

R-5311C Fort Bragg, NC
Boundaries. Beginning at lat. 35°10'47"N., long. 79°01'55"W.; to lat. 35°08'48"N., long. 79°01'59"W.; to lat. 35°07'01"N., long. 79°02'29"W.; to lat. 35°05'36"N., long. 79°01'49"W.; to lat. 35°02'56"N., long. 79°05'39"W.; to lat. 35°02'46"N., long. 79°20'09"W.; to lat. 35°07'06"N., long. 79°22'49"W.; to lat. 35°09'41"N., long. 79°20'09"W.; thence along Little River to the point of beginning.
Designated altitudes. From 12,000 feet MSL but not including FL 290.
Time of designation. Continuous.
Controlling agency. FAA, Washington ARTCC.
Using agency. Commanding General, Fort Bragg, NC.

R-5313A Long Shoal Point, NC
Boundaries. A circular area with a 3-mile radius centered at lat. 35°32'49"N., long. 75°41'25"W.
Designated altitudes. Surface to 18,000 feet MSL.
Time of designation. 0800-2300 local time Monday-Friday; other times by NOTAM at least 24 hours in advance.
Controlling agency. USMC, Marine Corps Air Station Cherry Point Approach Control.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Virginia Capes (FACSFAC VACAPES), Virginia Beach, VA.'

AMENDMENT 03/31/16 81 FR 9089 (Amended)

R-5313B Long Shoal Point, NC
Boundaries. Beginning at lat. 35°36'47"N., long. 75°41'21"W.; to lat. 35°30'45"N., long. 75°35'13"W.; to lat. 35°24'15"N., long. 75°40'22"W.; to lat. 35°30'55"N., long. 75°50'29"W.; to the point of beginning.
Designated altitudes. 100 feet AGL to 13,000 feet MSL.
Time of designation. By NOTAM at least 24 hours in advance, not to exceed 20 hours per month.
Controlling agency. USMC, Marine Corps Air Station Cherry Point Approach Control.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Virginia Capes (FACSFAC VACAPES), Virginia Beach, VA.

AMENDMENT 03/31/16 81 FR 9089 (Amended)

R-5313C Long Shoal Point, NC
Boundaries. Beginning at lat. 35°32'09"N., long. 75°34'06"W.; to lat. 35°30'45"N., long. 75°35'13"W.; to lat. 35°36'47"N., long. 75°41'21"W.; to lat. 35°38'25"N., long. 75°38'47"W.; thence clockwise along a 6 nautical mile arc centered at lat. 35°32'49"N., long. 75°41'25"W.; to the point of beginning.
Designated altitudes. 100 feet AGL to 13,000 feet MSL.
Time of designation. By NOTAM at least 24 hours in advance, not to exceed 20 hours per month.
Controlling agency. USMC, Marine Corps Air Station Cherry Point Approach Control.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Virginia Capes (FACSFAC VACAPES), Virginia Beach, VA.

AMENDMENT 03/31/16 81 FR 9089 (Amended)

R-5313D Long Shoal Point, NC
Boundaries. Beginning at lat. 35°20'52"N., long. 75°43'07"W.; to lat. 35°24'15"N., long. 75°40'22"W.; to lat. 35°30'55"N., long. 75°50'29"W.; to lat. 35°28'02"N., long. 75°54'54"W.; thence counterclockwise along a 12 nautical mile arc centered at lat. 35°32'49"N., long. 75°41'25"W.; to the point of beginning.
Designated altitudes. 500 feet AGL to 13,000 feet MSL.

Time of designation. By NOTAM at least 24 hours in advance, not to exceed 20 hours per month.
Controlling agency. USMC, Marine Corps Air Station Cherry Point Approach Control.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Virginia Capes (FACSFAC VACAPES), Virginia Beach, VA.

AMENDMENT 03/31/16 81 FR 9089 (Amended)

R-5314A Dare County, NC
Boundaries. Beginning at lat. 35°42’36”N., long. 75°49’49”W.; to lat. 35°40’08”N., long. 75°50’14”W.; to lat. 35°40’25”N., long. 75°52’15”W.; to lat. 35°38’41”N., long. 75°52’34”W.; to lat. 35°39’01”N., long. 75°54’34”W.; to lat. 35°40’41”N., long. 75°54’09”W.; to lat. 35°41’31”N., long. 76°00’19”W.; to lat. 35°44’10”N., long. 75°59’41”W.; to the point of beginning.
Designated altitudes. Surface to FL 205.
Time of designation. 0600-2400 local time, Monday-Friday; other times by NOTAM 6 hours in advance.
Controlling agency. USMC, Marine Corps Air Station Cherry Point Approach Control.
Using agency. U.S. Air Force, Commander, 4th Fighter Wing, Seymour Johnson AFB, NC.

AMENDMENT 03/31/16 81 FR 9089 (Amended)

R-5314B Dare County, NC
Boundaries. Beginning at lat. 35°41'52"N., long. 75°45'11"W.; to lat. 35°34'41"N., long. 75°46'49"W.; to lat. 35°36'46"N., long. 76°01'19"W.; to lat. 35°41'31"N., long. 76°00'19"W.; to lat. 35°40'41"N., long. 75°54'09"W.; to lat. 35°39'01"N., long. 75°54'34"W.; to lat. 35°38'41"N., long. 75°52'34"W.; to lat.35°40'25"N., long. 75°52'15"W.; to lat. 35°40'08"N., long. 75°50'14"W.; to lat. 35°42'36" N., long. 75°49'49" W.; to the point of beginning.
Designated altitudes. 500 feet above the surface to FL 205.
Time of designation. 0600-2400 local time, Monday-Friday; other times by NOTAM 6 hours in advance.
Controlling agency. USMC, Marine Corps Air Station Cherry Point Approach Control.
Using agency. U.S. Air Force, Commander, 4th Fighter Wing, Seymour Johnson AFB, NC.

AMENDMENT 03/31/16 81 FR 9089 (Amended)

R-5314C Dare County, NC
Boundaries. Beginning at lat. 35°44'10"N., long. 75°59'41"W.; to lat. 35°38'55"N., long. 76°00'52"W.; to lat. 35°39'21"N., long. 76°04'59"W.; to lat. 35°44'48"N., long. 76°03'44"W.; to the point of beginning.
Designated altitudes. 200 feet above the surface to 15,000 feet MSL.

Time of designation. 0600-2400 local time, Monday-Friday; other times by NOTAM 6 hours in advance.
Controlling agency. USMC, Marine Corps Air Station Cherry Point Approach Control.
Using agency. U.S. Air Force, Commander, 4th Fighter Wing, Seymour Johnson AFB, NC.

AMENDMENT 03/31/16 81 FR 9089 (Amended)

R-5314D Dare County, NC
Boundaries. Beginning at lat. 35°47'51"N., long. 75°48'49"W.; to lat. 35°42'36"N., long. 75°49'49"W.; to lat. 35°44'10"N., long. 75°59'41"W.; to lat. 35°47'01"N., long. 75°58'59"W.; to lat. 35°46'08" N., long. 75°52'35"W.; to lat. 35°48'01"N., long. 75°51'59"W.; to the point of beginning.
Designated altitudes. Surface to FL 205.
Time of designation. 0600-2400 local time, Monday-Friday; other times by NOTAM 6 hours in advance.
Controlling agency. USMC, Marine Corps Air Station Cherry Point Approach Control.
Using agency. U.S. Air Force, Commander, 4th Fighter Wing, Seymour Johnson AFB, NC.

AMENDMENT 03/31/16 81 FR 9089 (Amended)

R-5314E Dare County, NC
Boundaries. Beginning at lat. 35°48'31"N., long. 75°43'39"W.; to lat. 35°41'52"N., long. 75°45'11" W.; to lat. 35°42'36"N., long. 75°49'49"W.; to lat. 35°47'51"N., long. 75°48'49"W.; to lat. 35°48'01" N., long. 75°51'59"W.; to lat. 35°46'08"N., long. 75°52'35"W.; to lat. 35°47'01"N., long. 75°58'59" W.; to lat. 35°51'36"N., long. 75°57'54"W.; to lat. 35°49'31"N., long. 75°44'59"W.; to the point of beginning.
Designated altitudes. 500 feet above the surface to FL 205.
Time of designation. 0600-2400 local time, Monday-Friday; other times by NOTAM 6 hours in advance.
Controlling agency. USMC, Marine Corps Air Station Cherry Point Approach Control.
Using agency. U.S. Air Force, Commander, 4th Fighter Wing, Seymour Johnson AFB, NC.

AMENDMENT 03/31/16 81 FR 9089 (Amended)

R-5314F Dare County, NC
Boundaries. Beginning at lat. 35°51'36"N., long. 75°57'54"W.; to lat. 35°44'10"N., long. 75°59'41"W.; to lat. 35°44'48"N., long. 76°03'44"W.; to lat. 35°51'53"N., long. 76°02'08"W.; to the point of beginning.
Designated altitudes. 200 feet above the surface to 15,000 feet MSL.
Time of designation. 0600-2400 local time, Monday-Friday; other times by NOTAM 6 hours in advance.

Controlling agency. USMC, Marine Corps Air Station Cherry Point Approach Control.
Using agency. U.S. Air Force, Commander, 4th Fighter Wing, Seymour Johnson AFB, NC.

AMENDMENT 03/31/16 81 FR 9089 (Amended)

R-5314H Dare County, NC
Boundaries. Beginning at lat. 35°51'53"N., long. 76°02'08"W.; to lat. 35°39'21"N., long. 76°04'59"W.; to lat. 35°40'26"N., long. 76°12'24"W.; to lat. 35°52'23"N., long. 76°09'52"W.; to the point of beginning.
Designated altitudes. 500 feet above the surface to 10,000 feet MSL.
Time of designation. 0600-2400 local time, Monday-Friday; other times by NOTAM 6 hours in advance.
Controlling agency. USMC, Marine Corps Air Station Cherry Point Approach Control.
Using agency. U.S. Air Force, Commander, 4th Fighter Wing, Seymour Johnson AFB, NC.

AMENDMENT 03/31/16 81 FR 9089 (Amended)

R-5314J Dare County, NC
Boundaries. Beginning at lat. 35°52'23"N., long. 76°09'52"W.; to lat. 35°40'26"N., long. 76°12'24"W.; to lat. 35°43'51"N., long. 76°35'29"W.; to lat. 35°53'51"N., long. 76°33'09"W.; to the point of beginning.
Designated altitudes. 1,000 feet above the surface to 6,000 feet MSL.
Time of designation. 0600-2400 local time, Monday-Friday; other times by NOTAM 6 hours in advance.
Controlling agency. USMC, Marine Corps Air Station Cherry Point Approach Control.
Using agency. U.S. Air Force, Commander, 4th Fighter Wing, Seymour Johnson AFB, NC.

AMENDMENT 03/31/16 81 FR 9089 (Amended)

§ 73.54 North Dakota (ND)

R-5401 Devils Lake, ND
Boundaries. Beginning at lat. 47°41'01"N., long. 98°41'15"W.; to lat. 47°39'23"N., long. 98°40'17"W.; to lat. 47°39'23"N., long. 98°39'57"W.; to lat. 47°39'35"N., long. 98°39'39"W.; to lat. 47°40'20"N., long. 98°38'01"W.; to lat. 47°40'20"N., long. 98°37'18"W.; to lat. 47°41'15"N., long. 98°37'18"W.; to lat. 47°41'08"N., long. 98°39'14"W.; to lat. 47°41'10"N., long. 98°39'57"W.; to lat. 47°41'01"N., long. 98°40'17"W.; thence to the point of beginning.
Designated Altitudes. Surface to 5,000 feet MSL.

Time of designation. As scheduled 30 days in advance and activated by NOTAM 24 hours in advance. Area may be scheduled continuously during peak training periods June and July.
Controlling agency. FAA, Minneapolis ARTCC.
Using agency. U.S. Army, Commander Camp Grafton, North Dakota Army National Guard, Devils Lake, ND.

AMENDMENTS 05/27/93 58 FR 18345 (Added)

R-5402 Devils Lake, ND
Boundaries. Beginning at lat. 47°45'00" N., long. 98°47'19" W.; to lat. 47°45'00" N., long. 98°31'25" W.; then clockwise on a 7 NM arc centered on lat. 47°40'31" N., long. 98°39'22" W.; to the point of beginning, excluding the airspace within R-5401 when active, and R-5403A when active.
Designated altitudes. 500 feet AGL to, but not including, 10,000 feet MSL.
Time of designation. 0700-2000 daily, by NOTAM 6 hours in advance; other times by NOTAM.
Controlling agency. FAA, Minneapolis ARTCC.
Using agency. U.S. Air Force, 119th Operations Support Squadron, Hector International Airport, Fargo, ND.

AMENDMENTS: 07/26/12 77 FR 36907 (Added)

R-5403A Devils Lake, ND
Boundaries. Beginning at lat. 47°45'00" N., long. 99°15'00" W.; to lat. 47°45'00" N., long. 98°15'00" W.; to lat. 47°35'39" N., long. 98°15'00" W.; to lat. 47°15'00" N., long. 99°15'00" W.; to the point of beginning.
Designated altitudes. 8,000 feet MSL to, but not including, 10,000 feet MSL.
Time of designation. 0700-2000 daily, by NOTAM 6 hours in advance; other times by NOTAM.
Controlling agency. FAA, Minneapolis ARTCC.
Using agency. U.S. Air Force, 119th Operations Support Squadron, Hector International Airport, Fargo, ND.

AMENDMENTS: 07/26/12 77 FR 36907 (Added)

R-5403B Devils Lake, ND
Boundaries. Beginning at lat. 47°45'00"N., long. 99°15'00"W.; to lat. 47°45'00"N., long. 98°15'00"W.; to lat. 47°35'39"N., long. 98°15'00"W.; to lat. 47°15'00"N., long. 99°15'00"W.; to the point of beginning.
Designated altitudes. 10,000 feet MSL to, but not including, 14,000 feet MSL.
Time of designation. 0700-2000 daily, by NOTAM 6 hours in advance; other times by NOTAM.

Controlling agency. FAA, Minneapolis ARTCC.
Using agency. U.S. Air Force, 119th Operations Support Squadron, Hector International Airport, Fargo, ND.

AMENDMENTS: 07/26/12 77 FR 36907 (Added)

R-5403C Devils Lake, ND
Boundaries. Beginning at lat. 47°45'00"N., long. 99°15'00"W.; to lat. 47°45'00"N., long. 98°15'00"W.; to lat. 47°35'39"N., long. 98°15'00"W.; to lat. 47°15'00"N., long. 99°15'00"W.; to the point of beginning.
Designated altitudes. 14,000 feet MSL to, but not including, FL 180.
Time of designation. 0700-2000 daily, by NOTAM 6 hours in advance; other times by NOTAM.
Controlling agency. FAA, Minneapolis ARTCC.
Using agency. U.S. Air Force, 119th Operations Support Squadron, Hector International Airport, Fargo, ND.

AMENDMENTS: 07/26/12 77 FR 36907 (Added)

R-5403D Devils Lake, ND
Boundaries. Beginning at lat. 47°35'39"N., long. 98°15'00"W.; to lat. 47°15'00"N., long. 98°15'00"W.; to lat. 47°15'00"N., long. 99°15'00"W.; to the point of beginning.
Designated altitudes. 10,000 feet MSL to, but not including, 12,000 feet MSL.
Time of designation. 0700-2000 daily, by NOTAM 6 hours in advance; other times by NOTAM.
Controlling agency. FAA, Minneapolis ARTCC.
Using agency. U.S. Air Force, 119th Operations Support Squadron, Hector International Airport, Fargo, ND.

AMENDMENTS: 07/26/12 77 FR 36907 (Added)

R-5403E Devils Lake, ND
Boundaries. Beginning at lat. 47°35'39"N., long. 98°15'00"W.; to lat. 47°15'00"N., long. 98°15'00"W.; to lat. 47°15'00"N., long. 99°15'00"W.; to the point of beginning.
Designated altitudes. 12,000 feet MSL to, but not including, 14,000 feet MSL.
Time of designation. 0700-2000 daily, by NOTAM 6 hours in advance; other times by NOTAM.
Controlling agency. FAA, Minneapolis ARTCC.
Using agency. U.S. Air Force, 119th Operations Support Squadron, Hector International Airport, Fargo, ND.

AMENDMENTS: 07/26/12 77 FR 36907 (Added)

R-5403F Devils Lake, ND
Boundaries. Beginning at lat. 47°35'39"N., long. 98°15'00"W.; to lat. 47°15'00"N., long. 98°15'00"W.; to lat. 47°15'00"N., long. 99°15'00"W.; to the point of beginning.
Designated altitudes. 14,000 feet MSL to, but not including, FL 180.
Time of designation. 0700-2000 daily, by NOTAM 6 hours in advance; other times by NOTAM.
Controlling agency. FAA, Minneapolis ARTCC.
Using agency. U.S. Air Force, 119th Operations Support Squadron, Hector International Airport, Fargo, ND.

AMENDMENTS: 07/26/12 77 FR 36907 (Added)

§ 73.55 Ohio (OH)

R-5502A Lacarne, OH
Boundaries. Beginning at lat. 41°35'19"N., long. 82°55'30"W.; to lat. 41°32'30"N., long. 83°01'00"W.; to lat. 41°36'35"N., long. 83°04'52"W.; thence via a 5 NM arc centered at lat. 41°32'30"N., long. 83°01'00"W.; to the point of beginning.
Designated altitudes. Surface to 5,000 feet MSL.
Time of designation. 0800 to 1700 local time, April 1 to November 30; 0800 to 1700 local time, Tuesday, Wednesday and Thursday, December 1 to March 31; other times by NOTAM 48 hours in advance.
Controlling agency. FAA, Toledo Approach Control.
Using agency. U.S. Army, Camp Perry Joint Training Center, OH.

AMENDMENT 04/25/19 84 FR 3299 (Amended) Corr: 84 FR 8251

R-5502B Lacarne, OH
Boundaries. Beginning at lat. 41°41'30"N., long. 83°00'00"W.; to lat. 41°35'40"N., long. 82°54'50"W.; to lat. 41°32'30"N., long. 83°01'00"W.; to lat. 41°36'35"N., long. 83°04'52"W.; to lat. 41°41'30"N., long. 83°07'30"W.; to the point of beginning, excluding R-5502A.
Designated altitudes. Surface to 23,000 feet MSL.
Time of designation. 0800 to 1700 local time, Tuesday, Wednesday and Thursday; other times by NOTAM 48 hours in advance.
Controlling agency. FAA, Cleveland ARTCC.
Using agency. U.S. Army, Camp Perry Joint Training Center, OH.

AMENDMENT 04/25/19 84 FR 3299 (Amended) Corr: 84 FR 8251

§ 73.56 Oklahoma (OK)

R-5601A Fort Sill, OK
Boundaries. Beginning at lat. 34°38'15"N., long. 98°17'01"W.; to lat. 34°38'15"N., long. 98°20'56"W.; to lat. 34°38'30"N., long. 98°21'41"W.; to lat. 34°38'50"N., long. 98°22'06"W.; to lat. 34°39'53"N., long. 98°22'16"W.; to lat. 34°40'47"N., long. 98°23'07"W.; thence north along the western edge of Interstate Highway 44 to lat. 34°43'30"N., long. 98°23'59"W.; to lat. 34°43'30"N., long. 98°21'21"W.; to lat. 34°43'45"N., long. 98°21'01"W.; to lat. 34°46'06"N., long. 98°21'01"W.; to lat. 34°46'06"N., long. 98°17'01"W.; to the point of beginning.
Designated altitudes. Surface to 40,000 feet MSL.
Time of designation. Continuous.
Controlling agency. FAA, Fort Worth ARTCC.
Using agency. U.S. Army, U.S. Army Fires Center of Excellence (USAFCOE), Fort Sill, OK.

AMENDMENT 09/13/18 83 FR 28981 (Amended)

R-5601B Fort Sill, OK
Boundaries. Beginning at lat. 34°40'47"N., long. 98°23'07"W.; thence counterclockwise along an arc, 2.6 NM radius centered at lat. 34°38'18"N., long. 98°24'07"W.; to lat. 34°40'11"N., long. 98°26'18"W.; to lat. 34°38'15"N., long. 98°26'19"W.; to lat. 34°38'15"N., long. 98°37'57"W.; thence north along Oklahoma State Highway No. 115 to lat. 34°40'54"N., long. 98°37'56"W.; to lat. 34°42'07"N., long. 98°37'20"W.; to lat. 34°43'21"N., long. 98°36'02"W.; to lat. 34°43'30"N., long. 98°35'40"W.; to lat. 34°43'30"N., long. 98°23'59"W.; thence south along the western edge of Interstate Highway 44 to the point of beginning.
Designated altitudes. Surface to 40,000 feet MSL.
Time of designation. Continuous.
Controlling agency. FAA, Fort Worth ARTCC.
Using agency. U.S. Army, U.S. Army Fires Center of Excellence (USAFCOE), Fort Sill, OK.

AMENDMENT 09/13/18 83 FR 28981 (Amended)

R-5601C Fort Sill, OK
Boundaries. Beginning at lat. 34°38'15"N., long. 98°37'57"W.; to lat. 34°38'15"N., long. 98°45'21"W.; to lat. 34°41'47"N., long. 98°45'21"W.; to lat. 34°41'47"N., long. 98°44'17"W.; to lat. 34°41'21"N., long. 98°44'17"W.; to lat. 34°41'21"N., long. 98°40'36"W.; to lat. 34°40'54"N., long. 98°40'36"W.; to lat. 34°40'54"N., long. 98°37'56"W.; thence south along Oklahoma State Highway No. 115 to the point of beginning.
Designated altitudes. Surface to 40,000 feet MSL.
Time of designation. Continuous.
Controlling agency. FAA, Fort Worth ARTCC.
Using agency. U.S. Army, U.S. Army Fires Center of Excellence (USAFCOE), Fort Sill, OK.

AMENDMENT 09/13/18 83 FR 28981 (Amended)

R-561D Fort Sill, OK
Boundaries. Beginning at lat. 34°38'15"N., long. 98°45'21"W.; to lat. 34°38'15"N., long. 98°48'01"W.; to lat. 34°42'15"N., long. 98°50'01"W.; to lat. 34°45'00"N., long. 98°40'31"W.; to lat. 34°43'30"N., long. 98°35'40"W.; to lat. 34°43'21"N., long. 98°36'02"W.; to lat. 34°42'07"N., long. 98°37'20"W.; to lat. 34°40'54"N., long. 98°37'56"W.; to lat. 34°40'54"N., long. 98°40'36"W.; to lat. 34°41'21"N., long. 98°40'36"W.; to lat. 34°41'21"N., long. 98°44'17"W.; to lat. 34°41'47"N., long. 98°44'17"W.; to lat. 34°41'47"N., long. 98°45'21"W.; to the point of beginning.
Designated altitudes. 500 feet AGL to FL 400.
Time of designation. Sunrise to 2200, Monday through Friday; other times by NOTAM.
Controlling agency. FAA, Fort Worth ARTCC.
Using agency. U.S. Army, U.S. Army Fires Center of Excellence (USAFCOE), Fort Sill, OK.

AMENDMENT 09/13/18 83 FR 28981 (Amended)

R-5601E Fort Sill, OK
Boundaries. Beginning at lat. 34°38'15"N., long. 98°37'57"W.; to lat. 34°36'00"N., long. 98°46'46"W.; to lat. 34°38'15"N., long. 98°48'01"W.; to lat. 34°38'15"N., long. 98°45'21"W.; to the point of beginning.
Designated altitudes. 500 feet AGL to 6,000 feet MSL.
Time of designation. Sunrise to 2200, Monday through Friday; other times by NOTAM.
Controlling agency. FAA, Fort Worth ARTCC.
Using agency. U.S. Army, U.S. Army Fires Center of Excellence (USAFCOE), Fort Sill, OK.

AMENDMENT 09/13/18 83 FR 28981 (Amended)

R-5601F Fort Sill, OK
Boundaries. Beginning at lat. 34°46'24"N., long. 98°52'00"W.; thence clockwise via the 49 NM arc of the Wichita Falls VORTAC to lat. 34°46'39"N., long. 98°50'53"W.; to lat. 34°43'46"N., long. 98°49'55"W.; thence clockwise via the 46 NM arc of the Wichita Falls VORTAC to lat. 34°45'03"N., long. 98°29'44"W.; to lat. 34°43'30"N., long. 98°35'40"W.; to lat. 34°45'00"N., long. 98°40'31"W.; to lat. 34°42'15"N., long. 98°50'01"W.; to the point of beginning. Excluding that airspace below 5,500 feet MSL beginning at lat. 34°44'28"N., long. 98°46'16"W.; thence clockwise via the 46 NM arc of the Wichita Falls VORTAC to lat. 34°45'03"N., long. 98°29'44"W.; to lat. 34°43'30"N., long. 98°35'40"W.; to lat. 34°45'00"N., long. 98°40'31"W.; to lat. 34°43'09"N., long. 98°46'56"W.; to the point of beginning.
Designated altitudes. 500 feet AGL to FL 400.
Times of designation. Sunrise to 2200 local time, Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Fort Worth ARTCC. Using agency. U.S. Army, U.S. Army Fires Center of Excellence (USAFCOE), Fort Sill, OK.

AMENDMENT 09/13/18 83 FR 28981 (Amended)

R-5601G Fort Sill, OK
Boundaries. Beginning at lat. 34°46'03"N., long. 98°25'50"W.; to lat. 34°45'03"N., long. 98°29'44"W.thence counterclockwise via the 46 NM arc of SPS VORTAC to lat. 34°43'46"N., long. 98°49'55"W.; to lat. 34°47'00"N., long. 98°51'00"W.; to lat. 34°50'30"N., long. 98°46'02"W.; to lat. 34°57'51"N., long. 98°25'47"W.; to the point of beginning. Excluding that airspace below 5,500 feet MSL over the Wichita Mountains National Wildlife Refuge.
Designated altitudes. 500 feet AGL to, but not including, 8,000 feet MSL.
Time of designation. Sunrise to 2200 local time, Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Fort Worth ARTCC.
Using agency. U.S. Army, U.S. Army Fires Center of Excellence (USAFCOE), Fort Sill, OK.

AMENDMENT 09/13/18 83 FR 28981 (Amended)

R-5601H Fort Sill, OK
Boundaries. Beginning at lat. 34°38'15"N., long. 98°20'56"W.; to lat. 34°38'30"N., long. 98°21'41"W.; to lat. 34°38'50" ., long. 98°22'06"W.; to lat. 34°39'53"N., long. 98°22'16"W.; to lat. 34°40'47"N., long. 98°23'07"W.; thence counterclockwise along an arc, 2.6 NM radius centered at lat. 34°38'18"N., long. 98°24'07"W.; to lat. 34°40'11"N., long. 98°26'18"W.; to lat. 34°38'15"N., long. 98°26'19"W.; to the point of beginning.
Designated altitudes. Surface to FL 400.
Time of designation. By NOTAM.
Controlling agency. FAA, Fort Worth ARTCC.
Using agency. U.S. Army, U.S. Army Fires Center of Excellence (USAFCOE), Fort Sill, OK.

AMENDMENT 09/13/18 83 FR 28981 (Amended)

R-5601J Fort Sill, OK
Boundaries. Beginning at lat. 34°45'03"N., long. 98°29'44"W.; to lat. 34°46'15"N., long. 98°25'01"W.; to lat. 34°47'00"N., long. 98°17'46"W.; to lat. 34°46'45"N., long. 98°17'01"W.; to lat. 34°46'06"N., long. 98°17'01"W.; to lat. 34°46'06"N., long. 98°21'01"W.; to lat. 34°43'45"N., long. 98°21'01"W.; to lat. 34°43'30"N., long. 98°21'21"W.; to lat. 34°43'30"N., long. 98°35'40"W.; to the point of beginning. Excluding that airspace below 5,500 feet MSL beginning at lat. 34°43'30"N., long. 98°35'40"W.; to lat. 34°44'48"N., long. 98°30'45"W.; to lat. 34°43'30"N., long. 98°30'00"W.; to the point of beginning; and that airspace below 3,500 feet MSL within a 1 NM radius of lat. 34°46'46"N., long. 98°17'46"W.
Designated altitudes. 500 feet AGL to FL 400.
Times of designation. Sunrise to 2200 local time, Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Fort Worth ARTCC.
Using agency. U.S. Army, U.S. Army Fires Center of Excellence (USAFCOE), Fort Sill, OK.

AMENDMENT 09/13/18 83 FR 28981 (Added)

R-5602A Fort Sill, OK
Boundaries. Beginning at lat. 34°46'45"N., long. 98°17'01"W.; to lat. 34°38'15"N., long. 98°17'01"W.; to lat. 34°38'15"N., long. 98°37'57"W.; to lat. 34°40'54"N., long. 98°37'56"W.; to lat. 34°42'07"N., long. 98°37'20"W.; to lat. 34°43'21"N., long. 98°36'02"W.; to lat. 34°43'30"N., long. 98°35'40"W.; to lat. 34°45'03"N., long. 98°29'46"W.; to lat. 34°46'15"N., long. 98°25'01"W.; to lat. 34°47'00"N., long. 98°17'46"W.; to the point of beginning.
Designated altitudes. 40,000 feet MSL to 60,000 feet MSL.
Time of designation. By NOTAM 0830-1630, Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Fort Worth ARTCC.
Using agency. U.S. Army, U.S. Army Fires Center of Excellence (USAFCOE), Fort Sill, OK.

AMENDMENT 09/13/18 83 FR 32061 (Added) Corr: 83 FR 34763

R-5602B Fort Sill, OK
Boundaries. Beginning at lat. 34°49'30"N., long. 98°08'43"W.; to lat. 34°36'36"N., long. 98°08'43"W.; to lat. 34°38'15"N., long. 98°17'01"W.; to lat. 34°46'06"N., long. 98°17'01"W.; to the point of beginning.
Designated altitudes. 40,000 feet MSL to 60,000 feet MSL.
Time of designation. By NOTAM 0830-1630, Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Fort Worth ARTCC.
Using agency. U.S. Army, U.S. Army Fires Center of Excellence (USAFCOE), Fort Sill, OK.

AMENDMENT 09/13/18 83 FR 32061 (Added) Corr: 83 FR 34763

§ 73.57 Oregon (OR)

R-5701 Boardman, OR
Boundaries and designated altitudes. A 5 NM radius circle centered at lat. 45°43'35"N., long. 119°41'07"W., surface to FL 200; within 2 NM N and 3 NM S of the 082° bearing from the center of the circle extending to a line 1 NM W of and parallel to Butter Creek, surface to 10,000 feet MSL to a distance of 7 NM from the center of the circle, thence surface to 6,000 feet MSL to the E extremity; within 3 NM either side of the 234° bearing from the center of the circle extending to 10 NM from the center, excluding the airspace within V-112, surface to 10,000 feet MSL to a distance of 7 NM from the center of the circle, thence surface to 6,000 feet MSL to the SW extremity; within 3 NM either side of the 270° bearing from the center of the circle extending to 15 NM from the center, surface to 10,000 feet MSL to a distance of 7 NM from the center of the circle, thence surface to 6,000 feet MSL to the W extremity.
Time of designation. 0730-2359 Monday-Friday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Seattle ARTCC.
Using agency. U.S. Navy, Commanding Officer, NAS Whidbey Island, Oak Harbor, WA.

AMENDMENTS 01/06/94 58 FR 59945 (Amended)

R-5706 Boardman, OR
Boundaries. Beginning at lat. 45°40'33"N., long. 120°02'32"W.; to lat. 45°40'39"N., long. 120°09'04"W.; to lat. 45°45'29"N., long. 120°09'04"W.; thence east along the south shore of the Columbia River to lat. 45°51'09"N., long. 119°40'04"W.; to lat. 45°52'59"N., long. 119°31'04"W.; to lat. 45°46'34"N., long. 119°31'04"W.; to lat. 45°46'12"N., long. 119°35'02"W.; thence counterclockwise along the arc of a 5-nautical-mile radius circle centered at lat. 45°43'35"N., long. 119°41'07"W.; to lat. 45°46'35"N., long. 119°46'50"W.; to lat. 45°46'33"N., long. 120°02'32"W.; to the point of beginning.
Designated altitudes. 3,500 feet MSL to 10,000 feet MSL.
Time of designation. 0730-2359 Monday-Friday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Seattle ARTCC.
Using agency. U.S. Navy, Commanding Officer, NAS Whidbey Island, Oak Harbor, WA.

AMENDMENTS 01/06/94 58 FR 59945 (Amended)

§ 73.58 Pennsylvania (PA)

R-5801 Chambersburg, PA
Boundaries. The arc of a circle, having a 5,000-foot radius, centered at lat. 39°59'44"N., long. 77°43'54"W.
Designated altitudes. Surface to 4,000 feet MSL.
Time of designation. 0800 to 1600 local time, Monday-Friday.
Using agency. Commanding Officer, Letterkenny Ordnance Depot, Chambersburg, PA.

AMENDMENTS 05/31/12 77 FR 18104 (Amended)

R-5802A Fort Indiantown Gap, PA
Boundaries. Beginning at lat. 40°27'30"N., long. 76°44'34"W.; to lat. 40°29'31"N., long. 76°39'07"W.; to lat. 40°28'31"N., long. 76°36'21"W.; to lat. 40°25'06"N., long. 76°44'47"W.; to the point of beginning.
Designated altitudes. 200 feet AGL to 5,000 feet MSL.
Time of designation. February 15 through May 10 and September 1 through December 15, 0800-2300 local time on Saturdays and 0800-1200 local time on Sundays; May 11 through August 31, 0800-2400 local time on Saturdays and 0800-2000 local time on all other days; other times by NOTAM issued at least 48 hours in advance.
Controlling agency. FAA, New York ARTCC.
Using agency. Commander, Fort Indiantown Gap, Annville, PA.

R-5802B Fort Indiantown Gap, PA
Boundaries. Beginning at lat. 40°25'06"N., long. 76°44'47"W.; to lat. 40°28'31"N., long. 76°36'21"W.; to lat. 40°27'13"N., long. 76°35'13"W.; to lat. 40°26'18"N., long. 76°36'40"W.; to lat. 40°23'24"N., long. 76°43'34"W.; to the point of beginning.

Designated altitudes. Surface to 13,000 feet MSL.
Time of designation. February 15 through May 10 and September 1 through December 15, 0800-2300 local time on Saturdays and 0800-1200 local time on Sundays; May 11 through August 31, 0800-2400 local time on Saturdays and 0800-2000 local time on all other days; other times by NOTAM issued at least 48 hours in advance.
Controlling agency. FAA, New York ARTCC.
Using agency. Commander, Fort Indiantown Gap, Annville, PA.

R-5802C Fort Indiantown Gap, PA
Boundaries. Beginning at lat. 40°23'24" N., long. 76°43'34" W.; to lat. 40°25'06" N., long. 76°44'47" W.; to lat. 40°28'00" N., long. 76°46'59" W.; to lat. 40°29'42" N., long. 76°42'59" W.; to lat. 40°29'31" N., long. 76°39'07" W.; to lat. 40°28'31" N., long. 76°36'21" W.; to lat. 40°27'13" N., long. 76°35'13" W.; to lat. 40°26'18" N., long. 76°36'40" W.; thence to point of beginning.
Designated altitudes. 500 feet AGL to but not including 17,000 feet MSL.
Time of designation. February 15 through May 10 and September 1 through December 15, 0800-2300 local time on Saturdays and 0800-1200 local time on Sundays; May 11 through August 31, 0800-2400 local time on Saturdays and 0800-2000 local time on all other days; other times by NOTAM issued at least 48 hours in advance.
Controlling agency. FAA, New York ARTCC.
Using agency. Commander, Fort Indiantown Gap, Annville, PA.

AMENDMENTS 09/30/04 69 FR 47358 (Added) Corr: 69 FR 57841

R-5802D Fort Indiantown Gap, PA
Boundaries. Beginning at lat. 40°23'24"N., long. 76°43'34"W.; to lat. 40°25'06"N., long. 76°44'47"W.; to lat. 40°28'00"N., long. 76°46'59"W.; to lat. 40°29'42"N., long. 76°42'59"W.; to lat. 40°29'31"N., long. 76°39'07"W.; to lat. 40°28'31"N., long. 76°36'21"W.; to lat. 40°27'13"N., long. 76°35'13"W.; to lat. 40°26'18"N., long. 76°36'40"W.; thence to point of beginning.
Designated altitudes. 17,000 feet MSL to but not including FL 220.
Time of designation. February 15 through May 10 and September 1 through December 15, 0800-2300 local time on Saturdays and 0800-1200 local time on Sundays; May 11 through August 31, 0800-2400 local time on Saturdays and 0800-2000 local time on all other days; other times by NOTAM issued at least 48 hours in advance.
Controlling agency. FAA, New York ARTCC.
Using agency. Commander, Fort Indiantown Gap, Annville, PA.

AMENDMENTS 09/30/04 69 FR 47358 (Added) Corr: 69 FR 57841

R-5802E Fort Indiantown Gap, PA
Boundaries. Beginning at lat. 40°29'42"N., long. 76°42'59"W.; to lat. 40°29'31"N., long. 76°39'07"W.; to lat. 40°28'31"N., long. 76°36'21"W.; to lat. 40°27'13"N., long. 76°35'13"W.; to lat. 40°23'45"N., long. 76°32'36"W.; to lat. 40°22'50"N., long. 76°34'03"W.; to lat.

40°19'55"N., long. 76°40'59"W.; thence clockwise along the arc of a 4-nautical-mile radius circle centered at lat. 40°23'24" N., long. 76°43'34"W.; to lat. 40°21'48"N., long. 76°48'18"W.; to lat. 40°26'04"N., long. 76°51'34"W.; to lat. 40°28'00"N., long. 76°46'59"W.; thence to point of beginning.
Designated altitudes. FL 220 to FL 250.
Time of designation. February 15 through May 10 and September 1 through December 15, 0800-2300 local time on Saturdays and 0800-1200 local time on Sundays; May 11 through August 31, 0800-2400 local time on Saturdays and 0800-2000 local time on all other days; other times by NOTAM issued at least 48 hours in advance.
Controlling agency. FAA, New York ARTCC.
Using agency. Commander, Fort Indiantown Gap, Annville, PA.

AMENDMENTS 09/30/04 69 FR 47358 (Added) Corr: 69 FR 57841

R-5803 Chambersburg, PA
Boundaries. A circular area with a 5,500-foot radius centered at lat. 40°02'29"N., long. 77°44'19"W.
Designated altitudes. Surface to 4,000 feet MSL.
Time of designation. 0800 to 1600 local time, Monday-Friday.
Using agency. Commanding Officer, Letterkenny Ordnance Depot, Chambersburg, PA.

AMENDMENTS 05/31/12 77 FR 18104 (Amended)

§ 73.59 Rhode Island (RI)

§ 73.60 South Carolina (SC)

R-6001A Fort Jackson, SC
Boundaries. Beginning at lat. 33°59'31"N., long. 80°52'03"W.; to lat. 34°05'04"N., long. 80°52'11"W.; to northeast along Percival Road to lat. 34°06'16"N., long. 80°49'03"W.; to east along North Boundary Road to lat. 34°03'42"N., long. 80°42'12"W.; to lat. 34°01'41"N., long. 80°42'14"W.; to lat. 34°00'34"N., long. 80°44'23"W.; to lat. 34°01'01"N., long. 80°45'54"W.; to lat. 34°01'06"N., long. 80°46'59"W.; to lat. 34°00'55"N., long. 80°47'59"W.; to lat. 34°00'31"N., long. 80°48'56"W.; to lat. 34°00'13"N., long. 80°49'25"W.; to lat. 33°59'46"N., long. 80°49'59"W.; thence to point of beginning.
Designated altitudes. Surface to 3,200 feet MSL.
Time of designation. Intermittent, 0630 to 2400.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. Commanding General, Fort Jackson, SC.
REMARKS:
Aircraft activity is limited to the following terms and conditions:
1. Aircraft activities may not be conducted on weekends.

2. Weather conditions required for aircraft activities are 5 miles visibility and with prevailing clouds or obscuring phenomena no greater than five-tenths coverage of the sky and bases no lower than 3,000 feet above the surface.
3. Air to surface ordnance limited to the MK-106 (spotting) practice bomb delivery.
4. Aircraft activities are limited to two hours daily.

R-6001B Fort Jackson, SC
Boundaries. Beginning at lat. 33°59'31"N., long 80°52'03"W.; to lat. 34°05'04"N., long 80°52'11"W.; to northeast along Percival Road to lat. 34°06'16"N., long 80°49'03"W.; to east along North Boundary Road to lat. 34°03'42"N., long 80°42'12"W.; to lat. 34°01'41"N., long 80°42'14"W.; to lat. 34°00'34"N., long 80°44'23"W.; to lat. 34°01'01"N., long 80°45'54"W.; to lat. 34°01'06"N., long 80°46'59"W.; to lat. 34°00'55"N., long 80°47'59"W.; to lat. 34°00'31"N., long 80°48'56"W.; to lat. 34°00'13"N., long 80°49'25"W.; to lat. 33°59'46"N., long 80°49'59"W.; thence to point of beginning.
Designated altitudes. 3,200 feet MSL to FL 230.
Time of designation. Intermittent, 0630 to 2400.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. Commanding General, Fort Jackson, SC.
REMARKS:
Aircraft activity is limited to the following terms and conditions:
1. Aircraft activities may not be conducted on weekends.
2. Aircraft activities may only be conducted from 3,200 feet MSL to 13,000 feet AGL.
3. Weather conditions required for aircraft activities are 5 miles visibility and with prevailing clouds or obscuring phenomena no greater than five-tenths coverage of the sky and bases no lower than 3,000 feet above the surface.
4. Air to surface ordnance limited to the MK-106 (spotting) practice bomb delivery.
5. Aircraft activities are limited to two hours daily.

R-6002A Poinsett-Sumter, SC
Boundaries. Beginning at lat. 33°54'25"N., long. 80°24'11"W.; to lat. 33°46'26"N., long. 80°23'11"W.; to lat. 33°44'28"N., long. 80°31'41"W.; to lat. 33°50'14"N., long. 80°31'02"W.; to lat. 33°53'38"N., long. 80°31'02"W.; to the point of beginning.
Designated altitudes. Surface to but not including 13,000 feet MSL.
Time of designation. 0600-2400 local time Monday-Friday; 0800-1600 local time Saturday; other times by NOTAM at least 8 hours in advance.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, 20 FW, Shaw AFB, SC.

AMENDMENTS 10/08/98 63 FR 46648 (Added)

R-6002B Poinsett-Sumter, SC
Boundaries. Beginning at lat. 33°54'25"N., long. 80°24'11"W.; to lat. 33°46'26"N., long. 80°23'11"W.; to lat. 33°44'28"N., long. 80°31'41"W.; to lat. 33°50'14"N., long. 80°31'02"W.; to lat. 33°53'38"N., long. 80°31'02"W.; to the point of beginning.
Designated altitudes. 13,000 feet MSL to but not including FL 180.
Time of designation. 0600-2400 local time Monday-Friday; 0800-1600 local time Saturday; other times by NOTAM at least 8 hours in advance.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, 20 FW, Shaw AFB, SC.

AMENDMENTS 10/08/98 63 FR 46648 (Added)

R-6002C Poinsett-Sumter, SC
Boundaries. Beginning at lat. 33°54'25"N., long. 80°24'11"W.; to lat. 33°46'26"N., long. 80°23'11"W.; to lat. 33°44'28"N., long. 80°31'41"W.; to lat. 33°50'14"N., long. 80°31'02"W.; to lat. 33°53'38"N., long. 80°31'02"W; to the point of beginning.
Designated altitudes. FL 180 to FL 230.
Time of designation. 0600-2400 local time Monday-Friday; 0800-1600 local time Saturday; other times by NOTAM at least 8 hours in advance.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, 20 FW, Shaw AFB, SC.

AMENDMENTS 10/08/98 63 FR 46648 (Added)

§ 73.61 South Dakota (SD)

§ 73.62 Tennessee (TN)

§ 73.63 Texas (TX)

R-6302A Fort Hood, TX
Boundaries. Beginning at lat. 31°09'01"N., long. 97°45'01"W.; to lat. 31°10'01"N., long. 97°48'01"W.; to lat. 31°14'15"N., long. 97°50'33"W.; to lat. 31°18'25"N., long. 97°48'48"W.; to lat. 31°18'23"N., long. 97°45'43"W.; to lat. 31°20'00"N., long. 97°45'23"W.; to lat. 31°22'09"N., long. 97°43'27"W.; to lat. 31°22'08"N., long. 97°41'56"W.; to lat. 31°21'01"N., long. 97°41'01"W.; to lat. 31°20'01"N., long. 97°41'01"W.; to lat. 31°14'01"N., long. 97°33'01"W.; to lat. 31°08'01"N., long. 97°37'01"W.; to lat. 31°08'01"N., long. 97°39'01"W.; to lat. 31°10'01"N., long. 97°41'01"W.; to lat. 31°09'01"N., long. 97°43'31"W.; to the point of beginning.

Designated altitudes. Surface to 30,000 feet MSL.
Time of designation. Continuous.
Controlling agency. FAA, Houston ARTCC.
Using agency. U.S. Army, Commander, III Corps, Fort Hood, TX.

AMENDMENTS 10/10/96 61 FR 42550 (Amended)

R-6302B Fort Hood, TX
Boundaries. Beginning at lat. 31°14'01"N., long. 97°33'01"W.; to lat. 31°06'01"N., long. 97°33'01"W.; to lat. 31°08'01"N., long. 97°39'01"W.; to lat. 31°08'01"N., long. 97°37'01"W.; to the point of beginning.
Designated altitudes. Surface to 11,000 feet MSL.
Time of designation. 1800-0600 local time, Monday-Saturday; other times by NOTAM.
Controlling agency. FAA, Houston ARTCC.
Using agency. U.S. Army, Commander, III Corps, Fort Hood, TX.

AMENDMENTS 10/10/96 61 FR 42550 (Amended)

R-6302C Fort Hood, TX
Boundaries. Beginning at lat. 31°09'01"N., long. 97°45'01"W.; to lat. 31°09'01"N., long. 97°55'01"W.; to lat. 31°16'01"N., long. 97°54'01"W.; to lat. 31°19'01"N., long. 97°51'01"W.; to lat. 31°18'25"N., long. 97°48'48"W.; to lat. 31°14'15"N., long. 97°50'33"W.; to lat. 31°10'01"N., long. 97°48'01"W.; to the point of the beginning.
Designated altitudes. Surface to 30,000 feet MSL.
Time of designation. 0700-1900 local time, Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Houston ARTCC.
Using agency. U.S. Army, Commander, III Corps, Fort Hood, TX.

AMENDMENTS 03/25/99 64 FR 3623 (Amended)

R-6302D Fort Hood, TX
Boundaries. Beginning at lat. 31°18'25"N., long. 97°48'48"W.; to lat. 31°19'01"N., long. 97°51'01"W.; to lat. 31°24'01"N., long. 97°48'01"W.; to lat. 31°23'01"N., long. 97°43'01"W.; to lat. 31°22'08"N., long. 97°41'56"W.; to lat. 31°22'09"N., long. 97°43'27"W.; to lat. 31°20'00"N., long. 97°45'23"W.; to lat. 31°18'23"N., long. 97°45'43"W.; to the point of the beginning.
Designated altitudes. Surface to 30,000 feet MSL.
Time of designation. 0700-1900 local time, Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Houston ARTCC.
Using agency. U.S. Army, Commander, III Corps, Fort Hood, TX.

AMENDMENTS 03/25/99 64 FR 3623 (Amended)

R-6302E Fort Hood, TX
Boundaries. Beginning at lat. 31°22'08"N., long. 97°41'56"W.; to lat. 31°21'01"N., long. 97°41'01"W.; to lat. 31°20'01"N., long. 97°41'01"W.; to lat. 31°14'01"N., long. 97°33'01"W.; to lat. 31°08'01"N., long. 97°39'01"W.; to lat. 31°10'01"N., long. 97°41'01"W.; to lat. 31°09'01"N., long. 97°43'01"W.; to lat. 31°09'01"N., long. 97°45'01"W.; to lat. 31°10'01"N., long. 97°48'01"W.; to lat. 31°14'15"N., long. 97°50'33"W.; to lat. 31°18'25"N., long. 97°48'48"W.; to lat. 31°18'23"N., long. 97°45'43"W.; to lat. 31°20'00"N., long. 97°45'23"W.; to lat. 31°22'09"N., long. 97°43'27"W.; to the point of beginning.
Designated altitudes. 30,000 feet MSL to 45,000 feet MSL.
Times of designation. By NOTAM 48 hours in advance.
Controlling agency. FAA, Houston ARTCC.
Using agency. U.S. Army, Commander, III Corps, Fort Hood, TX.

AMENDMENTS 03/25/99 64 FR 3623 (Amended)

R-6312 Cotulla, TX
Boundaries. The area within 5 NM of geographical points located at lat. 28°14'51"N., long. 98°43'31"W.; and lat. 28°05'54"N., long. 98°42'52"W.
Designated altitudes. Surface to FL 230, excluding the area west of a line between lat. 28°17'41"N., long. 98°47'56"W.; and lat. 28°11'56"N., long. 98°48'01"W.; and the area along Highway 624 extending ¼ mile each side where the floor is 1,000 feet AGL.
Time of designation. Sunrise to sunset; other times by NOTAM.
Controlling agency. FAA, Houston ARTCC.
Using agency. Chief of Naval Air Advance Training Command, NAS Corpus Christi, TX.

AMENDMENTS 12/27/01 66 FR 54435 (Amended) Corr: 66 FR 63433

R-6316 Eagle Pass, TX
Boundaries. A 3 mile radius centered at lat. 28°23'09"N., long. 100°17'11"W.
Designated altitudes. Surface to 15,000 feet MSL.
Time of designation. Continuous.
Controlling agency. FAA, Houston ARTCC.
Using Agency. U.S. Customs and Border Protection, Air and Marine Operations Center (AMOC), Riverside, CA.

AMENDMENTS 12/12/13 78 FR 63867 (Amended)

R-6317 El Sauz, TX
Boundaries. A 3 mile radius centered at lat. 26°34'20"N., long. 98°49'00"W.
Designated altitudes. Surface to 15,000 feet MSL.
Time of designation. Continuous.
Controlling agency. FAA, Houston ARTCC.
Using Agency. U.S. Customs and Border Protection, Air and Marine Operations Center (AMOC), Riverside, CA.

AMENDMENTS 12/12/13 78 FR 63867 (Amended)

R-6318 Marfa, TX
Boundaries. A 2 mile radius centered at lat. 30°26'01"N., long. 104°20'02"W.
Designated altitudes. Surface to 14,000 feet MSL.
Time of designation. Continuous.
Controlling agency. FAA, Albuquerque ARTCC.
Using Agency. U.S. Customs and Border Protection, Air and Marine Operations Center (AMOC), Riverside, CA.

AMENDMENTS 12/12/13 78 FR 63867 (Amended)

§ 73.64 Utah (UT)

R-6402A Dugway Proving Ground, Dugway, UT
Boundaries. Beginning at lat. 40°25'00"N., long. 112°56'03"W.; to lat. 40°25'00"N., long. 113°07'03"W.; to lat. 40°20'20"N., long. 113°07'03"W.; to lat. 40°20'20"N., long.113°20'05"W.; to lat. 39°55'00"N., long. 113°26'43"W.; to lat. 39°52'00"N., long. 113°27'03"W.; to lat. 39°49'00"N., long. 113°08'03"W.; to lat. 39°44'00"N., long. 113°08'03"W.; to lat. 39°46'00"N., long. 112°56'03"W.; to lat. 40°00'00"N., long. 112°43'03"W.; to lat. 40°13'00"N., long. 112°43'03"W.; to the point of beginning.
Designated altitudes. Surface to FL 580.
Time of designation. Continuous.
Controlling agency. FAA, Salt Lake City ARTCC.
Using agency. U.S. Air Force, 388th Fighter Wing, Air Combat Command, Hill AFB UT .

AMENDMENTS 07/02/09 74 FR 20201 (Amended)

R-6402B Dugway Proving Ground, Dugway, UT
Boundaries. Beginning at lat. 40°13'00"N., long. 112°43'03"W.; to lat. 40°16'00"N., long. 112°43'03"W.; to lat. 40°25'00"N., long. 112°50'03"W.; to lat. 40°25'00"N., long. 112°56'03"W.; to the point of beginning.
Designated altitudes. 100 feet AGL to FL 580.
Time of designation. Continuous.

Controlling agency. FAA, Salt Lake City ARTCC.
Using agency. U.S. Air Force, 388th Fighter Wing, Air Combat Command, Hill AFB UT.

AMENDMENTS 07/02/09 74 FR 20201 (Amended)

R-6403 Tooele, UT
Boundaries. Beginning at lat. 40°30'44"N., long. 112°27'33"W.; to lat. 40°29'32"N., long. 112°27'33"W.; to lat. 40°29'32"N., long. 112°29'18"W.; to lat. 40°30'44"N., long. 112°29'18"W.; to the point of beginning.
Designated altitudes. Surface to 9,000 feet MSL.
Time of designation. 0800-2000 local time, Monday-Thursday.
Using agency. Commanding Officer, Tooele Army Depot, Tooele, UT.

AMENDMENTS 07/25/91 56 FR 22111 (Amended)

R-6404A Hill AFB, UT
Boundaries. Beginning at lat. 41°11'30"N., long. 112°45'33"W.; to lat. 41°16'00"N., long. 113°50'03"W.; to lat. 41°08'30"N., long. 114°02'33"W.; to lat. 40°55'30"N., long.114°02'33"W.; to lat. 40°55'00"N., long. 114°00'03"W.; to lat. 40°55'00"N., long. 112°50'33"W.; to lat. 41°01'00"N., long. 112°39'03"W.; to lat. 41°07'00"N., long. 112°39'03"W.; to the point of beginning.
Designated altitudes. Surface to FL 580.
Time of designation. Continuous.
Controlling agency. FAA, Salt Lake City ARTCC.
Using agency. Commander, 388th Fighter Wing, Air Combat Command, Hill AFB UT.

AMENDMENTS 07/02/09 74 FR 20201 (Amended)

R-6404B Hill AFB, UT
Boundaries. Beginning at lat. 40°55'00"N., long. 112°50'33"W.; to lat. 40°55'00"N., long. 114°00'03"W.; to lat. 40°49'00"N., long. 113°40'03"W.; to lat. 40°52'00"N., long.112°57'03"W.; to the point of beginning.
Designated altitudes. Surface to 13,000 feet MSL.
Time of designation. Continuous.
Controlling agency. FAA, Salt Lake City ARTCC.
Using agency. 388th Fighter Wing, Air Combat Command, Hill AFB UT.

AMENDMENTS 07/02/09 74 FR 20201 (Amended)

R-6404C Hill AFB, UT
Boundaries. Beginning at lat. 41°l6'00"N., long. 113°50'03"W.; to lat. 41°11'30"N., long. 114°15'03"W.; to lat. 40°59'30"N., long. 114°15'03"W.; to lat. 40°55'30"N., long.114°02'33"W.; to lat. 41°08'30"N., long. 114°02'33"W.; to the point of beginning.

Designated altitudes. 100 feet AGL to FL 280.
Time of designation. Continuous.
Controlling agency. FAA, Salt Lake City ARTCC.
Using agency. 388th Fighter Wing, Air Combat Command, Hill AFB UT.

AMENDMENTS 07/02/09 74 FR 20201 (Amended)

R-6404D Hill AFB, UT
Boundaries. Beginning at lat. 40°55'00"N., long. 112°50'33"W.; to lat. 40°55'00"N., long. 114°00'03"W.; to lat. 40°49'00"N., long. 113°40'03"W.; to lat. 40°52'00"N., long.112°57'03"W.; to the point of beginning.
Designated altitudes. 13,000 feet MSL to FL 250.
Time of designation. By NOTAM.
Controlling agency. FAA, Salt Lake City ARTCC.
Using agency. USAF, 388th Fighter Wing, Air Combat Command, Hill AFB UT.

AMENDMENTS 07/02/09 74 FR 20201 (Amended)

R-6405 Wendover, UT
Boundaries. Beginning at lat. 40°39'00"N., long. 114°00'03"W.; to lat. 40°23'00"N., long. 114°15'03"W.; to lat. 39°40'00"N., long. 114°15'03"W.; to lat. 39°23'00"N., long.114°00'03"W.; to lat. 39°23'00"N., long. 113°19'03"W.; to lat. 39°46'00"N., long. 112°56'33"W.; to lat. 39°44'00"N., long. 113°08'03"W.; to lat. 39°49'00"N., long. 113°08'03"W.; to lat. 39°52'00"N., long. 113°27'03"W.; to lat. 39°55'00"N., long. 113°26'43"W.; to lat. 39°55'00"N., long. 113°48'03"W.; to lat. 40°00'00"N., long. 113°48'03"W.; to lat. 40°00'00"N., long.114°00'03"W.; to the point of beginning.
Designated altitudes. 100 feet AGL to FL 580.
Time of designation. Continuous.
Controlling agency. FAA, Salt Lake City ARTCC.
Using agency. 388th Fighter Wing, Air Combat Command, Hill AFB UT.

AMENDMENTS 07/02/09 74 FR 20201 (Amended)

R-6406A Wendover, UT
Boundaries. Beginning at lat. 40°39'00"N., long. 113°00'03"W.; to lat. 40°39'00"N., long. 114°00'03"W.; to lat. 40°17'00"N., long. 114°00'03"W.; to lat. 40°20'20"N., long.113°49'03"W.; to lat. 40°20'20"N., long. 113°07'03"W.; to lat. 40°25'00"N., long. 113°07'03"W.; to lat. 40°25'00"N., long. 112°56'03"W.; to lat. 40°29'00"N., long. 113°00'03"W.; to the point of beginning.
Designated altitudes. Surface to FL 580.

Time of designation. Continuous.
Controlling agency. FAA, Salt Lake City ARTCC.
Using agency. 388th Fighter Wing, Air Combat Command, Hill AFB UT.

AMENDMENTS 07/02/09 74 FR 20201 (Amended)

R-6406B Wendover, UT
Boundaries. Beginning at lat. 40°39'00"N., long. 113°00'03"W.; to lat. 40°29'00"N., long. 113°00'03"W.; to lat. 40°25'00"N., long. 112°56'03"W.; to lat. 40°25'00"N., long.112°50'03"W.; to the point of beginning.
Designated altitudes. 100 feet AGL to FL 580.
Time of designation. Continuous.
Controlling agency. FAA, Salt Lake City ARTCC.
Using agency. 388th Fighter Wing, Air Combat Command, Hill AFB UT.

AMENDMENTS 07/02/09 74 FR 20201 (Amended)

R-6407 Hill AFB, UT
Boundaries. Beginning at lat. 40°20'20"N., long. 113°20'05"W.; to lat. 39°55'00"N., long. 113°26'43"W.; to lat. 39°55'00"N., long. 113°48'03"W.; to lat. 40°00'00"N., long.113°48'03"W.; to lat. 40°00'00"N., long. 114°00'03"W.; to lat. 40°17'00"N., long. 114°00'03"W.; to lat. 40°20'20"N., long. 113°49'03"W.; to the point of beginning.
Designated altitudes. Surface to FL 580.
Time of designation. Continuous.
Controlling agency. FAA, Salt Lake City ARTCC.
Using agency. 388th Fighter Wing, Air Combat Command, Hill AFB UT.

AMENDMENTS 07/02/09 74 FR 20201 (Amended)

R-6412A Camp Williams, UT
Boundaries. Beginning at lat. 40°27'30"N., long. 112°00'00"W.; thence to lat. 40°23'30"N., long. 112°00'00"W.; to lat. 40°23'30"N., long. 112°06'03"W.; to lat. 40°27'30"N., long. 112°06'03"W.; to the point of beginning.
Designated altitudes. Surface to 9,000 feet MSL.
Time of designation. By Notice to Airmen (NOTAM).
Controlling agency. FAA, Salt Lake City TRACON.
Using agency. The Adjutant General, UT.

AMENDMENTS 01/25/01 65 FR 59341 (Amended)

R-6412B Camp Williams, UT
Boundaries. Beginning at lat. 40°27'30"N., long. 112°00'00"W.; thence to lat. 40°23'30"N., long. 112°00'00"W.; to lat. 40°23'30"N., long. 112°06'03"W.; to lat. 40°27'30"N., long. 112°06'03"W.; to the point of beginning.
Designated altitudes. 9,000 feet to 10,000 feet MSL.
Time of designation. By Notice to Airmen (NOTAM).
Controlling agency. FAA, Salt Lake City TRACON.
Using agency. The Adjutant General, UT.

AMENDMENTS 01/25/01 65 FR 59341 (Amended)

R-6412C Camp Williams, UT
Boundaries. Beginning at lat. 40°27'30"N., long. 111°56'27"W.; thence southerly along Redwood Road (Utah Highway 68) to lat. 40°23'30"N., long. 111°55'01"W.; to lat. 40°23'30"N., long. 112°00'00"W.; to lat. 40°27'30"N., long. 112°00'00"W.; to the point of beginning.
Designated altitudes. Surface to 9,000 feet MSL.
Time of designation. By Notice to Airmen (NOTAM).
Controlling agency. FAA, Salt Lake City TRACON.
Using agency. The Adjutant General, UT.

AMENDMENTS 01/25/01 65 FR 59341 (Added)

R-6412D Camp Williams, UT
Boundaries. Beginning at lat. 40°27'30"N., long. 111°56'27"W.; thence southerly along Redwood Road (Utah Highway 68) to lat. 40°23'30"N., long. 111°55'01"W.; to lat. 40°23'30"N., long. 112°00'00"W.; to lat. 40°27'30"N., long. 112°00'00"W.; to the point of beginning.
Designated altitudes. 9,000 feet to 10,000 feet MSL.
Time of designation. By Notice to Airmen (NOTAM).
Controlling agency. FAA, Salt Lake City TRACON.
Using agency. The Adjutant General, UT.

AMENDMENTS 01/25/01 65 FR 59341 (Added)

R-6413 Green River, UT
Boundaries. Beginning at lat. 38°57'00"N., long. 110°09'42"W.; thence to lat. 38°46'03"N., long. 110°06'02"W.; to lat. 38°31'30"N., long. 109°57'02"W.; to lat. 38°31'30"N., long. 109°51'02"W.; to lat. 38°33'27"N., long. 109°46'02"W.; to lat. 38°49'15"N., long.109°57'04"W.; to lat. 38°58'02"N., long. 110°05'35"W.; thence to the point of beginning.
Designated altitudes. Surface to unlimited.

Time of designation. As published by NOTAM issued 48 hours in advance of area activation.
Controlling agency. FAA, Denver ARTCC.
Using agency. Commanding General, White Sands Missile Range, NM.

AMENDMENT 08/12/21 86 FR 29687 (Amended)

§ 73.65 Vermont (VT)

R-6501A Underhill, VT

Boundaries. Beginning at lat. 44°30'00"N., long. 72°51'58"W.; to lat. 44°27'00"N., long. 72°51'58"W.; to lat. 44°27'00"N., long. 72°54'58"W.; to lat. 44°28'30"N., long. 72°56'28"W.; to lat. 44°29'15"N., long. 72°56'28"W.; to lat. 44°30'00"N., long. 72°53'28"W.; to the point of beginning.
Designated altitudes. Surface to 4,000 feet MSL.
Time of designation. 0700 to 2300 Monday-Friday and 0000 Saturday to 2359 Sunday. Other times by NOTAM 24 hours in advance.
Controlling agency. FAA, Burlington Approach Control.
Using agency. Adjutant General, State of Vermont, Montpelier, VT.

R-6501B Underhill, VT

Boundaries. Beginning at lat. 44°30'00"N., long. 72°51'58"W.; to lat. 44°27'00"N., long. 72°51'58"W.; to lat. 44°27'00"N., long. 72°54'58"W.; to lat. 44°28'30"N., long. 72°56'28"W.; to lat. 44°29'15"N., long. 72°56'28"W.; to lat. 44°30'00"N., long. 72°53'28"W.; to the point of beginning.
Designated altitudes. 4,000 feet MSL to 13,600 feet MSL.
Time of designation. Intermittent by NOTAM 24 hours in advance.
Controlling agency. FAA, Burlington Approach Control.
Using agency. Adjutant General, state of Vermont, Montpelier, VT.

AMENDMENTS 01/10/13 77 FR 75837 (Amended)

§ 73.66 Virginia (VA)

R-6601A Fort A.P. Hill, VA

Boundaries. Beginning at lat. 38°04'37"N., long. 77°18'44"W.; then along U.S. Highway 301; to lat. 38°09'45"N., long. 77°11'59"W.; then along U.S. Highway 17; to lat. 38°07'50" long. 77°08'29"W.; to lat. 38°05'30"N., long. 77°09'05"W.; to lat. 38°04'40"N., long. 77°10'19"W.; to lat. 38°03'12"N., long. 77°09'34"W.; to lat. 38°02'22"N., long. 77°11'39"W.; to lat. 38°02'30"N., long. 77°14'39"W.; to lat. 38°01'50"N., long. 77°16'07"W.; to lat. 38°02'15"N., long. 77°18'03"W.; to lat. 38°02'40"N., long. 77°18'59"W.; then to the point of beginning.
Designated altitudes. Surface to but not including 4,500 feet MSL.

Time of Designation. 0700 to 0200 local time daily. Other times by NOTAM at least 48 hours in advance.
Controlling agency. FAA, Potomac TRACON.
Using agency. U.S. Army, Commander, Fort A.P. Hill, VA.

AMENDMENTS 06/27/13 78 FR 21817 (Added)

R-6601B Fort A.P. Hill, VA
Boundaries. Beginning at lat. 38°04'37"N., long. Long. 77°18'44"W.; then along U.S. Highway 301 to lat. 38°09'38"N., long. 77°12'07"W.; to lat. 38°07'09"N., long. 77°08'40"W.; to lat. 38°05'30"N., long. 77°09'05"W.; to lat. 38°04'40"N., long. 77°10'19"W.; to lat. 38°03'12"N., long. 77°09'34"W.; to lat. 38°02'22"N., long. 77°11'39"W.; to lat. 38°02'30"N., long. 77°14'39"W.; to lat. 38°01'50"N., long. 77°16'07"W.; to lat. 38°02'15"N., long. 77°18'03"W.; to lat. 38°02'40"N., long. 77°18'59"W.; then to the point of beginning.
Designated altitudes. 4,500 feet MSL to but not including 7,500 feet MSL.
Time of designation. Intermittent by NOTAM at least 48 hours in advance.
Controlling agency. FAA, Potomac TRACON.
Using agency. U.S. Army, Commander, Fort A.P. Hill, VA.

AMENDMENTS 06/27/13 78 FR 21817 (Added)

R-6601C Fort A.P. Hill, VA
Boundaries. Beginning at lat. 38°04'37"N., long. Long. 77°18'44"W.; then along U.S. Highway 301 to lat. 38°09'38"N., long. 77°12'07"W.; to lat. 38°07'09"N., long. 77°08'40"W.; to lat. 38°05'30"N., long. 77°09'05"W.; to lat. 38°04'40"N., long. 77°10'19"W.; to lat. 38°03'12"N., long. 77°09'34"W.; to lat. 38°02'22"N., long. 77°11'39"W.; to lat. 38°02'30"N., long. 77°14'39"W.; to lat. 38°01'50"N., long. 77°16'07"W.; to lat. 38°02'15"N., long. 77°18'03"W.; to lat. 38°02'40"N., long. 77°18'59"W.; then to the point of beginning.
Designated altitudes. 7,500 feet MSL to 9,000 feet MSL.
Time of designation. Intermittent by NOTAM at least 48 hours in advance.
Controlling agency. FAA, Potomac TRACON.
Using agency. U.S. Army, Commander, Fort A.P. Hill, VA.

AMENDMENTS 06/27/13 78 FR 21817 (Added)

R-6602A Fort Pickett, VA
Boundaries. Beginning at lat. 37°05'38"N., long. 77°51'53"W.; to lat. 37°04'26"N., long. 77°51'44"W.; along State Highway No. 40 to lat. 37°03'56"N., long. 77°51'04"W.; to lat. 37°02'44"N., long. 77°50'37"W.; to lat. 37°01'06"N., long. 77°50'42"W.; to lat. 36°59'51"N., long. 77°50'33"W.; to lat. 36°57'59"N., long. 77°52'13"W.; to lat. 36°57'55"N., long. 77°53'18"W.; to lat. 36°58'13"N., long. 77°57'41"W.; to lat. 37°01'51"N., long. 77°58'39"W.; to lat. 37°01'51"N., long. 77°55'57"W.; to lat. 37°04'22"N., long. 77°55'57"W.; to lat. 37°05'38"N., long. 77°54'41"W.; to the point of beginning.

Designated altitudes. Surface to but not including 4,000 feet MSL.
Time of designation. Continuous May 1 to Sept. 15. Other times by NOTAM 24 hours in advance.
Controlling agency. FAA, Washington ARTCC.
Using agency. Virginia National Guard, Commander, Fort Pickett, VA.

AMENDMENT 09/15/16 81 FR 38069 (Amended)

R-6602B Fort Pickett, VA
Boundaries. Beginning at lat. 37°05'38"N., long. 77°51'53"W.; to lat. 37°04'26"N., long 77°51'44"W.; along State Highway No. 40 to lat. 37°03'56"N., long. 77°51'04"W.; to lat. 37°02'44"N., long. 77°50'37"W.; to lat. 37°01'06"N., long. 77°50'42"W.; to lat. 36°57'55"N., long. 77°53'18"W.; to lat. 36°58'13"N., long. 77°57'41"W.; to lat. 37°01'51"N., long. 77°58'39"W.; to lat. 37°01'51"N., long. 77°55'57"W.; to lat. 37°04'22"N., long. 77°55'57"W.; to lat. 37°05'38"N., long. 77°54'41"W.; to the point of beginning.
Designated altitudes. 4,000 feet MSL to but not including 11,000 feet MSL.
Time of designation. By NOTAM 24 hours in advance.
Controlling agency. FAA, Washington ARTCC.
Using agency. Virginia National Guard, Commander, Fort Pickett, VA.

AMENDMENT 09/15/16 81 FR 38069 (Amended)

R-6602C Fort Pickett, VA
Boundaries. Beginning at lat. 37°05'38"N., long. 77°51'53"W.; to lat. 37°04'26"N., long. 77°51'44"W.; along State Highway No. 40 to lat. 37°03'56"N., long. 77°51'04"W.; to lat. 37°02'44"N., long. 77°50'37"W.; to lat. 37°01'06"N., long. 77°50'42"W.; to lat. 36°57'55"N., long. 77°53'18"W.; to lat. 36°58'13"N., long. 77°57'41"W.; to lat. 37°01'51"N., long. 77°58'39"W.; to lat. 37°01'51"N., long. 77°55'57"W.; to lat. 37°04'22"N., long. 77°55'57"W.; to lat. 37°05'38"N., long. 77°54'41"W.; to the point of beginning.
Designated altitudes. 11,000 feet MSL to but not including 18,000 feet MSL.
Time of designation. By NOTAM 24 hours in advance.
Controlling agency. FAA Washington ARTCC.
Using agency. Virginia National Guard, Commander, Fort Pickett, VA.

AMENDMENT 09/15/16 81 FR 38069 (Amended)

R-6604A Chincoteague Inlet, VA
Boundaries. Beginning at lat. 37°55'25"N., long. 75°24'54"W.; to lat. 37°51'31"N., long.75°17'16"W.; then along a line 3-NM from and parallel to the shoreline to lat. 37°39'20"N., long. 75°31'19"W.; to lat. 37°47'00"N., long. 75°31'18"W.; to lat. 37°51'00"N., long. 75°29'36"W.; to the point of beginning.
Designated altitudes. Unlimited.
Time of designation. Continuous.

Controlling agency. FAA, Washington ARTCC.
Using agency. Chief, Wallops Station, National Aeronautics and Space Administration, Wallops Island, VA.

AMENDMENT 01/05/17 81 FR 78029 (Amended)

R-6604B Chincoteague Inlet, VA
Boundaries. Beginning at lat. 37°56'45"N., long. 75°27'29"W.; to lat. 37°55'25"N., long. 75°24'54"W.; to lat. 37°51'00"N., long. 75°29'36"W.; to lat. 37°47'00"N., long. 75°31'18"W.; to 37°50'24"N., long. 75°31'19"W.; to the point of beginning.
Designated altitudes. Unlimited.
Time of designation. Continuous.
Controlling agency. FAA, Washington ARTCC.
Using agency. Chief, Wallops Station, National Aeronautics and Space Administration, Wallops Island, VA.

AMENDMENTS 08/05/04 69 FR 32258 (Added)

R-6604C Chincoteague Inlet, VA
Boundaries. Beginning at lat. 37°56'57"N., long. 75°28'37"W.; to lat. 37°56'54"N., long. 75°26'56"W.; to lat. 37°56'23"N., long. 75°26'46"W.; to lat. 37°56'45"N., long. 75°27'29"W.; to lat. 37°55'15"N., long. 75°28'23"W.; to lat. 37°55'15"N., long. 75°28'39"W.; to lat. 37°56'32"N., long. 75°29'18"W.; to the point of beginning.
Designated altitudes. Surface to 3,500 feet MSL.
Time of designation. By NOTAM at least 12 hours in advance.
Controlling agency. FAA, Washington ARTCC.
Using agency. Chief, Wallops Station, National Aeronautics and Space Administration, Wallops Island, VA.

AMENDMENT 01/05/17 81 FR 78029 (Added)

R-6604D Chincoteague Inlet, VA
Boundaries. Beginning at lat. 38°01'42"N., long. 75°29'28"W.; to lat. 38°07'12"N., long. 75°14'48"W.; to lat. 38°04'36"N., long. 75°08'07"W.; thence along a line 3-NM from and parallel to the shoreline to lat. 37°51'31"N., long. 75°17'16"W.; to lat. 37°56'45"N., long. 75°27'29"W.; to lat. 37°53'55"N., long. 75°29'11"W.; to lat. 37°55'40"N., long. 75°33'27"W.; to the point of beginning; excluding R-6604C.
Designated altitudes. 100 feet AGL to 3,500 feet MSL.

Time of designation. By NOTAM at least 12 hours in advance.
Controlling agency. FAA, Washington ARTCC.
Using agency. Chief, Wallops Station, National Aeronautics and Space Administration, Wallops Island, VA.

AMENDMENT 01/05/17 81 FR 78029 (Added)

R-6604E Chincoteague Inlet, VA
Boundaries. Beginning at lat. 37°55'40"N., long. 75°33'27"W.; to lat. 37°53'55"N., long. 75°29'11"W.; to lat. 37°50'24"N., long. 75°31'19"W.; to lat. 37°39'20"N., long. 75°31'19"W.; to lat. 37°38'57"N., long. 75°31'31"W.; to lat. 37°46'55"N., long. 75°39'13"W.; to the point of beginning.
Designated altitudes. 700 feet AGL to 3,500 feet MSL.
Time of designation. By NOTAM at least 12 hours in advance.
Controlling agency. FAA, Washington ARTCC.
Using agency. Chief, Wallops Station, National Aeronautics and Space Administration, Wallops Island, VA.

AMENDMENT 01/05/17 81 FR 78029 (Added)

R-6606 Pendleton, VA
Boundaries. Beginning at lat. 36°51'01"N., long. 75°54'29"W.; thence 3 nautical miles from and parallel to the shoreline to lat. 36°34'34"N., long. 75°48'23"W.; to lat. 36°45'04"N., long. 75°56'11"W.; to lat. 36°44'46"N., long. 75°57'04"W.; to lat. 36°44'40"N., long. 75°57'59"W.; to lat. 36°47'01"N., long. 75°58'44"W.; to lat. 36°47'19"N., long. 75°56'53"W.; to the point of beginning.
Designated altitudes. Surface to and including 51,000 feet MSL.
Time of designation. 0800-1700 hours local time, Monday-Friday. Other times by NOTAM issued 48 hours in advance.
Controlling agency. FAA, Washington ARTCC.
Using agency. Fleet Area Control and Surveillance Facility, VACAPES, Virginia Beach, VA.

R-6608A Quantico, VA
Boundaries. Beginning at lat. 38°35'10"N., long. 77°34'06"W.; to lat. 38°37'00"N., long. 77°34'06"W.; to lat. 38°37'50"N., long. 77°32'19"W.; to lat. 38°37'17"N., long. 77°27'44"W.; to lat. 38°35'35"N., long. 77°27'44"W.; to the point of beginning.
Designated altitudes. Surface to 10,000 feet MSL.
Time of designation. 0500 to 2400 local time daily; other times by NOTAM 24 hours in advance.
Controlling agency. FAA, Potomac TRACON.
Using agency. U.S. Marine Corps, Commanding General, Marine Corps Base, Quantico, VA.

AMENDMENTS 03/15/07 71 FR 70467 (Amended)

R-6608B Quantico, VA
Boundaries. Beginning at lat. 38°35'10"N., long. 77°34'06"W.; to lat. 38°35'35"N., long. 77°27'44"W.; to lat. 38°29'31"N., long. 77°27'44"W.; to lat. 38°29'00"N., long. 77°28'44"W.; to lat. 38°31'20"N., long. 77°34'06"W.; to the point of beginning.
Designated altitudes. Surface to 10,000 feet MSL.
Time of designation. 0500 to 2400 local time daily; other times by NOTAM 24 hours in advance.
Controlling agency. FAA, Potomac TRACON.
Using agency. U.S. Marine Corps, Commanding General, Marine Corps Base, Quantico, VA.

AMENDMENTS 03/15/07 71 FR 70467 (Amended)

R-6608C Quantico, VA
Boundaries. Beginning at lat. 38°37'17"N., long. 77°27'44"W.; to lat. 38°37'00"N., long. 77°25'33"W.; to lat. 38°34'00"N., long. 77°23'59"W.; to lat. 38°31'15"N., long. 77°24'19"W.; to lat. 38°29'31"N., long. 77°27'44"W.; to the point of beginning.
Designated altitudes. Surface to 10,000 feet MSL.
Time of designation. 0500 to 2400 local time daily; other times by NOTAM 24 hours in advance.
Controlling agency. FAA, Potomac TRACON.
Using agency. U.S. Marine Corps, Commanding General, Marine Corps Base, Quantico, VA.

AMENDMENTS 03/15/07 71 FR 70467 (Amended)

R-6609 Tangier Island, VA
Boundaries. Beginning at lat. 37°53'10"N., long. 76°13'59"W.; to lat. 37°55'15"N., long. 76°02'29"W.; to lat. 37°50'00"N., long. 76°00'51"W.; to lat. 37°41'00"N., long. 76°00'51"W.; to lat. 37°40'00"N., long. 76°01'29"W.; to lat. 37°40'00"N., long. 76°09'59"W.; to lat. 37°45'00"N., long. 76°11'32"W.; to the point of beginning.
Designated altitudes. Surface to FL 200.
Time of designation. 0800 to 2300 hours, local time, other times by NOTAM issued at least 48 hours in advance.
Controlling agency. FAA, Washington ARTCC.
Using agency. Commanding Officer, NAS Patuxent River, MD.

R-6611A Dahlgren Complex, VA
Boundaries. Beginning at lat. 38°21'30"N., long. 77°01'14"W.; to lat. 38°17'30"N., long. 76°55'59"W.; to lat. 38°15'45"N., long. 76°51'59"W.; to lat. 38°13'00"N., long. 76°54'34"W.; to lat. 38°19'15"N., long. 77°01'59"W.; to the point of beginning.
Designated altitudes. Surface to 40,000 feet MSL.
Time of designation. 0800-1700 local time, Monday-Friday, other times by NOTAM issued 48 hours in advance.
Controlling agency. FAA, Washington ARTCC.
Using agency. Commander, Naval Surface Weapons Center, Dahlgren, VA.

R-6611B Dahlgren Complex, VA
Boundaries. Beginning at lat. 38°21'30"N., long. 77°01'14"W.; to lat. 38°17'30"N., long. 76°55'59"W.; to lat. 38°15'45"N., long. 76°51'59"W.; to lat. 38°13'00"N., long. 76°54'34"W.; to lat. 38°19'15"N., long. 77°01'59"W.; to the point of beginning.
Designated altitudes. 40,000 feet MSL to 60,000 feet MSL.
Time of designation. By NOTAM issued 48 hours in advance.
Controlling agency. FAA, Washington ARTCC.
Using agency. Commander, Naval Surface Weapons Center, Dahlgren, VA.

R-6612 Dahlgren Complex, VA
Boundaries. Two overlapping circular areas with 7,000-foot radii centered at lat. 38°17'59"N., long. 77°02'14"W., and lat. 38°18'23"N., long. 77°02'56"W.
Designated altitudes. Surface to 7,000 feet MSL.
Time of designation. 0800-1700 local time, Monday-Friday, other times by NOTAM issued 48 hours in advance.
Controlling agency. FAA, Washington ARTCC.
Using agency. Commander, Naval Surface Weapons Center, Dahlgren, VA.

R-6613A Dahlgren Complex, VA
Boundaries. Beginning at lat. 38°15'45"N., long. 76°51'59"W.; to lat. 38°13'30"N., long. 76°46'34"W.; to lat. 38°10'00"N., long. 76°49'59"W.; to lat. 38°13'00"N., long. 76°54'34"W.; to the point of beginning.
Designated altitudes. Surface to 40,000 feet MSL.
Time of designation. 0800-1700 local time, Monday-Friday, other times by NOTAM 48 hours in advance.
Controlling agency. FAA, Washington ARTCC.
Using agency. Commander, Naval Surface Weapons Center, Dahlgren, VA.

R-6613B Dahlgren Complex, VA
Boundaries. Beginning at lat. 38°15'45"N., long. 76°51'59"W.; to lat. 38°13'30"N., long. 76°46'34"W.; to lat. 38°10'00"N., long. 76°49'59"W.; to lat. 38°13'00"N., long. 76°54'34"W.; to the point of beginning.
Designated altitudes. 40,000 feet MSL to 60,000 feet MSL.
Time of designation. By NOTAM issued 48 hours in advance.
Controlling agency. FAA, Washington ARTCC.
Using agency. Commander, Naval Surface Weapons Center, Dahlgren, VA.

§ 73.67 Washington (WA)

R-6701 Admiralty Inlet, WA
Boundaries. Beginning at lat. 48°09°59"N., long. 122°34'53"W.; to lat. 48°05'44"N., long. 122°31'35"W.; to lat. 48°06'05"N., long. 122°41'17"W.; to lat. 48°09'59"N., long. 122°41'01"W.; to the point of beginning.
Designated altitudes. Surface to 5,000 feet MSL.
Time of designation. Intermittent by NOTAM two hours in advance.
Controlling agency. Whidbey Island NAS Approach Control, WA.
Using agency. U.S. Navy, Commanding Officer, NAS Whidbey Island, Oak Harbor, WA.

AMENDMENTS 05/27/93 58 FR 17323 (Amended)

R-6703A Joint Base Lewis-McChord, WA
Boundaries. Beginning at lat. 47°03'07"N., long. 122°41'09"W.; to lat. 47°04'34"N., long. 122°41'09"W.; to lat. 47°04'41"N., long. 122°38'19"W.; to lat. 47°03'37"N., long. 122°35'40" W.; to lat. 47°03'15"N., long. 122°35'48"W.; to lat. 47°03'06"N., long. 122°36'51"W.; to lat. 47°02'02"N., long. 122°37'33"W.; to lat. 47°02'06"N., long. 122°38'33"W.; to lat. 47°02'14"N., long. 122°38'53"W.; to lat. 47°02'19"N., long. 122°39'14"W.; to lat. 47°02'19"N., long. 122°39'37"W.; to lat. 47°02'21"N., long. 122°40'17"W.; to lat. 47°02'38"N., long. 122°40'39"W.; thence via the Nisqually River to the point of beginning.
Designated altitudes. Surface to 14,000 feet MSL.
Time of designation. 0700-2300 Monday-Friday; other times by NOTAM two hours in advance.
Controlling agency. FAA, Seattle TRACON.
Using agency. Joint Base Garrison Commander, Joint Base Lewis-McChord, WA.

AMENDMENTS 05/07/15 80 FR 18519 (Amended) Corr: 80 FR 22096

R-6703B Joint Base Lewis-McChord, WA
Boundaries. Beginning at lat. 47°01'32"N., long. 122°36'28"W.; to lat. 47°01'32"N., long. 122°36'51"W.; to lat. 47°01'42"N., long. 122°37'12"W.; to lat. 47°02'02"N., long. 122°37'33"W.; to lat. 47°03'06"N., long. 122°36'51"W.; to lat. 47°03'15"N., long. 122°35'48"W.; to the point of beginning.
Designate altitudes. Surface to 14,000 feet MSL.
Time of designation. 0700-2300 Monday-Friday; other times by NOTAM two hours in advance.
Controlling agency. FAA, Seattle TRACON.
Using agency. Joint Base Garrison Commander, Joint Base Lewis-McChord, WA.

AMENDMENTS 05/07/15 80 FR 18519 (Amended)

R-6703C Joint Base Lewis-McChord, WA
Boundaries. Beginning at lat. 46°59'19"N., long. 122°37'19"W.; to lat. 46°59'15"N., long. 122°37'56"W.; Thence via the Nisqually River to lat. 47°00'32"N., long. 122°38'59"W.; to lat. 47°00'47"N., long. 122°39'04"W.; to lat. 47°00'57"N., long. 122°39'20"W.; to lat. 47°01'10"N., long. 122°39'26"W.; to lat. 47°01'22"N., long. 122°39'45"W.; to lat. 47°01'42"N., long. 122°39'49"W.; to lat. 47°02'00"N., long. 122°39'59"W.; to lat. 47°02'21"N., long. 122°40'17"W.; to lat. 47°02'19"N., long. 122°39'37"W.; to lat. 47°02'19"N., long. 122°39'14"W.; to lat. 47°02'14"N., long. 122°38'53"W.; to lat. 47°02'06"N., long. 122°38'33"W.; to lat. 47°02'02"N., long. 122°37'33"W.; to lat. 47°01'42"N., long. 122°37'12"W.; to lat. 47°01'32"N., long. 122°36'51"W.; to lat. 47°01'32"N., long. 122°36'28"W.; to the point of beginning.
Designated altitudes. Surface to 14,000 feet MSL.
Time of designation. 0700-2300 Monday-Friday; other times by NOTAM two hours in advance.
Controlling agency. FAA, Seattle TRACON.
Using agency. Joint Base Garrison Commander, Joint Base Lewis-McChord, WA.

AMENDMENTS 05/07/15 80 FR 18519 (Amended)

R-6703D Joint Base Lewis-McChord, WA
Boundaries. Beginning at lat. 46°57'11"N., long. 122°38'51"W.; to lat. 46°57'12"N., long. 122°43'42"W.; to lat. 47°03'07"N., long. 122°41'09"W.; to lat. 47°02'56"N., long. 122°40'49"W.; to lat. 47°02'41"N., long. 122°40'48"W.; to lat. 47°02'38"N., long. 122°40'39"W., to lat. 47°02'21"N,. long. 122°40'17"W.; to lat. 47°02'00"N., long. 122°39'59"W.; to lat. 47°01'42"N., long. 122°39'49"W.; to lat. 47°01'22"N., long. 122°39'45"W.; to lat. 47°01'10"N., long. 122°39'26"W.; to lat. 47°00'57"N., long. 122°39'20"W.; to lat. 47°00'47"N., long. 122°39'04"W.; to lat. 47°00'32"N., long. 122°38'59"W.; thence via the Nisqually River to lat. 46°59'15"N., long. 122°37'56"W.; to lat. 46°59'19"N., long. 122°37'19"W.; to lat. 46°58'16"N., long. 122°37'44"W.; to the point of beginning.
Designation altitudes. Surface to 14,000 feet MSL.
Time of designation. 0700-2300 Monday-Friday; other times by NOTAM two hours in advance.
Controlling agency. FAA, Seattle TRACON.
Using Agency. Joint Base Garrison Commander, Joint Base Lewis-McChord, WA.

AMENDMENTS 05/07/15 80 FR 18519 (Amended)

R-6703E Joint Base Lewis-McChord, WA
Boundaries. Beginning at lat. 46°57'11"N., long. 122°38'51"W.; to lat. 46°54'34"N., long. 122°41'29"W.; to lat. 46°54'17"N., long. 122°43'36"W.; to lat. 46°55'11"N., long. 122°44'34"W.; to lat. 46°57'12"N., long. 122°43'42"W.; to the point of beginning.
Designated altitudes. Surface to 14,000 feet MSL.

Time of designation. 0700-2300 Monday-Friday; other times by NOTAM two hours in advance.
Controlling agency. FAA, Seattle TRACON.
Using agency. Joint Base Garrison Commander, Joint Base Lewis-McChord, WA.

AMENDMENTS 05/07/15 80 FR 18519 (Amended)

R-6703F Joint Base Lewis-McChord, WA
Boundaries. Beginning at lat. 47°01'32"N., long. 122°36'28"W.; to lat. 47°03'37"N., long. 122°35'40"W.; to lat. 47°02'47"N., long. 122°33'40"W.; to lat. 47°02'43"N., long. 122°34'06"W.; to lat. 47°02'26"N., long. 122°34'22"W.; to lat. 47°02'08"N., long. 122°34'38"W.; to lat. 47°02'02"N., long. 122°34'52"W.; to lat. 47°01'57"N., long. 122°35'05"W.; to lat. 47°01'37"N., long. 122°35'37"W.; to lat. 47°01'32"N., long. 122°36'05"W.; to the point of beginning.
Designated altitudes. Surface to 5,000 feet MSL.
Time of designation. 0700-2300 Monday-Friday; other times by NOTAM two hours in advance.
Controlling agency. FAA, Seattle TRACON.
Using agency. Joint Base Garrison Commander, Joint Base Lewis-McChord, WA.

AMENDMENTS 05/07/15 80 FR 18519 (Amended)

R-6703G Joint Base Lewis-McChord, WA
Boundaries. Beginning at lat. 47°01'29"N., long. 122°34'02"W.; to lat. 47°02'26"N., long. 122°34'22"W.; to lat. 47°02'43"N., long. 122°34'06"W.; to lat. 47°02'47"N., long. 122°33'40' W.; to lat. 47°02'13"N., long. 122°32'19"W.; to lat. 47°01'47"N., long. 122°31'42"W.; to lat. 47°01'28"N., long. 122°31'42"W.; to the point of beginning.
Designated altitudes. Surface to 5,000 feet MSL.
Time of designation. 0700-2300 Monday-Friday; other times by NOTAM two hours in advance.
Controlling agency. FAA, Seattle TRACON.
Using agency. Joint Base Garrison Commander, Joint Base Lewis-McChord, WA.

AMENDMENTS 06/27/13 78 FR 24985 (Added)

R-6703H Joint Base Lewis-McChord, WA
Boundaries. Beginning at lat. 46°59'19"N., long. 122°37'19"W.; to lat. 47°01'32"N., long. 122°36'28"W.; to lat. 47°01'32"N., long. 122°36'05"W.; to lat. 47°01'37"N., long. 122°35'37"W.; to lat. 47°01'57"N., long. 122°35'05"W.; to lat. 47°02'02"N., long. 122°34'52"W.; to lat. 47°00'45"N., long. 122°34'52"W.; to lat. 46°59'59"N., long. 122°35'39"W.; to lat. 46°59'20"N., long. 122°36'27"W.; to the point of beginning.
Designated altitudes. Surface to 5,000 feet MSL.
Time of designation. 0700-2300 Monday-Friday; other times by NOTAM two hours in advance.
Controlling agency. FAA, Seattle TRACON.
Using agency. Joint Base Garrison Commander, Joint Base Lewis-McChord, WA.

AMENDMENTS 06/27/13 78 FR 24985 (Added)

R-6703I Joint Base Lewis-McChord, WA
Boundaries. Beginning at lat. 46°59'59"N., long. 122°35'39"W.; to lat. 47°00'45"N., long. 122°34'52"W.; to lat. 47°02'02"N., long. 122°34'52"W.; to lat. 47°02'08"N., long. 122°34'38"W.; to lat. 47°02'26"N., long. 122°34'22"W.; to lat. 47°01'29"N., long. 122°34'02"W.; to lat. 47°01'28"N., long. 122°31'42"W.; to lat. 47°00'59"N., long. 122°31'41" W.; to lat. 47°00'41"N., long. 122°33'16"W.; to lat. 47°00'29"N., long. 122°33'20"W.; to the point of beginning.
Designated altitudes. Surface to 5,000 feet MSL.
Time of designation. 0700-2300 Monday-Friday; other times by NOTAM two hours in advance.
Controlling agency. FAA, Seattle TRACON.
Using agency. Joint Base Garrison Commander, Joint Base Lewis-McChord, WA.

AMENDMENTS 06/27/13 78 FR 24985 (Added)

R-6703J Joint Base Lewis-McChord, WA
Boundaries. Beginning at lat. 46°58'16"N., long. 122°37'44"W.; to lat. 46°59'19"N., long. 122°37'19"W.; to lat. 46°59'20"N., long. 122°36'27"W.; to the point of beginning.
Designated altitudes. Surface to 5,000 feet MSL.
Time of designation. 0700-2300 Monday-Friday; other times by NOTAM two hours in advance.
Controlling agency. FAA, Seattle TRACON.
Using agency. Joint Base Garrison Commander, Joint Base Lewis-McChord, WA.

AMENDMENTS 06/27/13 78 FR 24985 (Added)

R-6714A Yakima, WA
Boundaries. Beginning at lat. 46°50'59"N., long. 119°58'04"W.; thence south along the west edge of the Columbia River to lat. 46°42'28"N., long. 119°58'19"W.; to lat. 46°35'04"N., long. 120°02'50"W.; to lat. 46°37'50"N., long. 120°20'26"W.; to lat. 46°38'29"N., long.120°20'25"W.; to lat. 46°38'59"N., long. 120°22'13"W.; to lat. 46°42'19"N.,long. 120°26'12"W.; thence north along the east side of Interstate Highway 82 to lat. 46°47'49"N., long. 120°21'19"W.; to lat. 46°51'09"N., long. 120°09'02"W.; to the point of beginning.
Designated altitudes. Surface to but not including 29,000 feet MSL.
Time of designation. Intermittent by NOTAM.
Controlling agency. FAA, Seattle ARTCC.
Using agency. Commanding General, Fort Lewis, WA.

AMENDMENTS 12/05/96 61 FR 53052 (Amended)

R-6714B Yakima, WA
Boundaries. Beginning at lat. 46°42'28"N., long. 119°58'19"W.; thence south along the west edge of the Columbia River to lat. 46°38'59"N., long. 119°56'09"W.; to lat. 46°38'08"N., long. 119°56'13"W.; to lat. 46°38'08"N., long. 119°55'04"W.; to lat. 46°33'55"N., long.119°55'04"W.; to lat. 46°35'04"N., long. 120°02'50"W.; thence to the point of beginning.
Designated altitudes. Surface to but not including 29,000 feet MSL.

Time of designation. Intermittent by NOTAM.
Controlling agency. FAA, Seattle ARTCC.
Using agency. Commanding General, Fort Lewis, WA.

AMENDMENTS 06/20/96 61 FR 18062 (Amended)

R-6714C Yakima, WA
Boundaries. Beginning at lat. 46°33'55"N., long. 119°55'04"W.; to lat. 46°32'50"N., long. 119°55'04"W.; to lat. 46°32'50"N., long. 120°04'25"W.; to lat. 46°37'03"N., long.120°20'26"W.; to lat. 46°37'50"N., long. 120°20'26"W.; to lat. 46°35'04"N., long.120°02'50"W.; thence to the point of beginning.
Designated altitudes. Surface to but not including 29,000 feet MSL.
Time of designation. Intermittent by NOTAM.
Controlling agency. FAA, Seattle ARTCC.
Using agency. Commanding General, Fort Lewis, WA.

AMENDMENTS 06/20/96 61 FR 18062 (Amended)

R-6714D Yakima, WA
Boundaries. Beginning at lat. 46°38'59"N., long. 120°22'13"W.; to lat. 46°38'59"N., long. 120°23'45"W.; to lat. 46°40'34"N., long. 120°26'39"W.; to lat. 46°42'19"N., long.120°26'12"W.; thence to the point of beginning.
Designated altitudes. Surface to but not including 29,000 feet MSL.
Time of designation. Intermittent by NOTAM.
Controlling agency. FAA, Seattle ARTCC.
Using agency. Commanding General, Fort Lewis, WA.

AMENDMENTS 06/20/96 61 FR 18062 (Amended)

R-6714E Yakima, WA
Boundaries. Beginning at lat. 46°50'59"N., long. 119°58'04"W.; thence south along the west side of the Columbia River to lat. 46°42'28"N., long. 119°58'19"W.; thence south along the west side of the Columbia River to lat. 46°38'59"N., long. 119°56'09"W.; to lat. 46°38'08"N., long. 119°56'13"W.; to lat. 46°38'08"N., long. 119°55'04"W.; to lat. 46°33'55"N., long.119°55'04"W.; to lat. 46°33'19"N., long. 119°55'04"W.; to lat. 46°32'50"N., long. 119°55'04"W.; to lat. 46°32'50"N., long. 120°04'25"W.; to lat. 46°37'03"N., long. 120°20'26"W.; to lat. 46°37'50"N., long. 120°20'26"W.; to lat. 46°38'29"N., long. 120°20'25"W.; to lat. 46°38'59"N., long. 120°22'13"W.; to lat. 46°38'59"N., long. 120°23'45"W.; to lat. 46°40'34"N., long. 120°26'39"W.; to lat. 46°42'19"N., long. 120°26'12"W.; thence north along the east side of Interstate Highway 82 to lat. 46°47'49"N., long. 120°21'19"W.; thence north along the east side of Interstate Highway 82 to lat. 46°49'35"N., long. 120°21'38"W.; to lat. 46°51'09"N., long. 120°21'38"W.; to lat. 46°51'09"N., long. 120°16'34"W.; to lat. 46°54'29"N., long.120°15'04"W.; to the point of beginning.

Designated altitudes. 29,000 feet MSL to but not including 55,000 feet MSL.
Time of designation. Intermittent by NOTAM.
Controlling agency. FAA, Seattle ARTCC.
Using agency. U.S. Army, Commanding General, Fort Lewis, WA.

AMENDMENTS 12/05/96 61 FR 53052 (Amended)

R-6714F Yakima, WA
Boundaries. Beginning at lat. 46°47'49"N., long. 120°21'19"W.; thence north along the east side of Interstate Highway 82 to lat. 46°49'35"N., long. 120°21'38"W.; to lat. 46°51'09"N., long. 120°21'38"W.; to lat. 46°51'09"N., long. 120°09'02"W'; thence to point of beginning.
Designated altitudes. Surface to but not including 29,000 feet MSL.
Time of designation. Intermittent by NOTAM.
Controlling agency. FAA, Seattle ARTCC.
Using agency. U.S. Army, Commanding General, Fort Lewis, WA.

AMENDMENTS 12/05/96 61 FR 53052 (Amended)

R-6714G Yakima, WA
Boundaries. Beginning at lat. 46°51'09"N., long. 120°16'34"W.; to lat. 46°54'29"N., long. 120°15'04"W.; to lat. 46°50'59"N., long. 119°58'04"W.; to lat. 46°51'09"N., long.120°08'54"W.; to the point of beginning.
Designated altitudes. Surface to but not including 29,000 feet MSL.
Time of designation. Intermittent by NOTAM.
Controlling agency. FAA, Seattle ARTCC.
Using agency. U.S. Army, Commanding General, Fort Lewis, WA.

AMENDMENTS 12/05/96 61 FR 53052 (Amended)

R-6714H Yakima, WA
Boundaries. Beginning at lat. 46°54'58"N., long. 120°00'33"W.; excluding that airspace within a 1.5 mile radius of the Vantage Airport to lat. 46°54'39"N., long. 119°59'31"W.; thence south along the west side of the Wanpaum road to lat. 46°50'59"N., long. 119°58'04"W.; to lat. 46°54'29"N., long. 120°15'04"W.; to lat. 46°55'20"N., long. 120°15'04"W., to the point of beginning.
Designated altitudes. Surface to but not including 5,500 feet MSL.
Time of designation. Intermittent by NOTAM.
Controlling agency. FAA, Seattle ARTCC.
Using agency. U.S. Army, Commanding General, Fort Lewis, WA.

AMENDMENTS 12/05/96 61 FR 53052 (Amended)

§ 73.68 West Virginia (WV)

§ 73.69 Wisconsin (WI)

R-6901A Fort McCoy, WI
Boundaries. Beginning at lat. 44°08'40"N., long. 90°44'20"W.; to lat. 44°08'40"N., long. 90°40'22"W.; to lat. 44°09'36"N., long. 90°40'22"W.; to lat. 44°09'36"N., long. 90°36'50"W.; to lat. 44°00'28"N., long. 90°36'41"W.; then West along Wisconsin State Highway 21; to lat. 44°00'27"N., long. 90°38'45"W.; to lat. 44°01'45"N., long. 90°44'31"W.; to the point of beginning.
Designated altitudes. Surface to 20,000 feet MSL.
Time of designation. May 1 through September 30 - Continuous; October 1 through April 30 - 0800-2200 Monday-Thursday and 0800 Friday - 2200 Sunday; other times by NOTAM issued at least 24 hours in advance.
Controlling agency. FAA, Minneapolis ARTCC.
Using agency. U.S. Army, Commanding Officer, Fort McCoy, WI.

AMENDMENTS 12/12/13 78 FR 63866 (Amended)

R-6901B Fort McCoy, WI
Boundaries. Beginning at lat. 43°59'58"N., long. 90°43'10"W.; then East along Wisconsin State Highway 21; to lat. 44°00'28"N., long. 90°36'41"W.; to lat. 44°00'10"N., long. 90°36'41"W.; to lat. 44°00'02"N., long. 90°36'35"W.; to lat. 44°00'02"N., long. 90°35'15"W.; to lat. 43°56'22"N., long. 90°35'22"W.; to lat. 43°56'22"N., long. 90°39'00"W.; to lat. 43°56'38"N., long. 90°41'00"W.; to lat. 43°56'44"N., long. 90°43'17"W.; to the point of beginning.
Designated altitudes. Surface to 20,000 feet MSL.
Time of designation. By NOTAM issued 24 hours in advance.
Controlling agency. FAA, Minneapolis ARTCC.
Using agency. U.S. Army, Commanding Officer, Fort McCoy, WI.

AMENDMENTS 12/12/13 78 FR 63866 (Amended)

R-6903 Sheboygan, WI
Boundaries. Beginning at lat. 43°19'00"N., long. 87°41'00"W.; to lat. 44°05'30"N., long. 87°29'45"W.; to lat. 44°02'00"N., long. 87°02'30"W.; to lat. 43°15'30"N., long. 87°14'00"W.; to the point of beginning.
Designated altitudes. Surface to FL 450.
Controlling agency. FAA, Minneapolis ARTCC.
Time of designation. Intermittent by NOTAM.
Using agency. Commander, Volk Field, WI.

AMENDMENTS 01/15/09 73 FR 67102 (Amended)

R-6904A Volk Field, WI
Boundaries. Beginning at lat. 44°18'00"N., long. 89°59'00"W.; to lat. 44°10'00"N., long. 89°59'00"W.; to lat. 44°10'00"N., long. 90°11'00"W.; to lat. 44°18'00"N., long. 90°11'00"W.; thence to the point of beginning excluding that airspace within R-6904B.
Designated altitudes. 150 feet AGL to FL 230.
Time of designation. 0800-1600 local time, Tuesday through Saturday. Other times by NOTAM.
Controlling agency. FAA, Minneapolis ARTCC.
Using agency. Commander, Volk Field, WI.

AMENDMENTS 07/10/03 68 FR 19946 (Amended)

R-6904B Volk Field, WI
Boundaries. Beginning at lat. 44°15'00"N., long. 89°59'00"W.; to lat. 44°13'00"N., long. 89°59'00"W.; to lat. 44°13'00"N., long. 90°07'00"W.; to lat. 44°15'00"N., long. 90°07'00"W.; thence to the point of beginning.
Designated altitudes. Surface to FL 230.
Time of designation. 0800-1600 local time, Tuesday through Saturday. Other times by NOTAM.
Controlling agency. FAA, Minneapolis ARTCC.
Using agency. Commander, Volk Field, WI.

AMENDMENTS 07/10/03 68 FR 19946 (Amended)

§ 73.70 Wyoming (WY)

R-7001A Guernsey, WY
Boundaries. Beginning at lat. 42°27'30"N., long. 104°52'32"W.; to lat. 42°27'30"N., long. 104°42'32"W.; to lat. 42°22'30"N., long. 104°42'32"W.; to lat. 42°20'00"N., long.104°52'32"W.; to the point of beginning.
Designated altitudes. Surface to but not including 8,000 feet MSL.
Time of designation. Intermittent, 24 hours in advance by NOTAM.
Controlling agency. FAA, Denver ARTCC.
Using agency. Adjutant General, State of Wyoming.

R-7001B Guernsey, WY
Boundaries. Beginning at lat. 42°27'30"N., long. 104°52'32"W.; to lat. 42°27'30"N., long. 104°42'32"W.; to lat. 42°22'30"N., long. 104°42'32"W.; to lat. 42°20'00"N., long.104°52'32"W.; to the point of beginning.
Designated altitudes. 8,000 feet MSL to 23,500 feet MSL.
Time of designation. Intermittent, 24 hours in advance by NOTAM.
Controlling agency. FAA, Denver ARTCC.
Using agency. Adjutant General, State of Wyoming.

R-7001C Guernsey, WY
Boundaries. Beginning at lat. 42°27'30"N., long. 104°52'32"W.; to lat. 42°27'30"N., long. 104°42'32"W.; to lat. 42°22'30"N., long. 104°42'32"W.; to lat. 42°20'00"N., long.104°52'32"W.; to the point of beginning.
Designated altitudes. 23,500 feet MSL to 30,000 feet MSL.
Time of designation. Intermittent, 24 hours in advance by NOTAM.
Controlling agency. FAA, Denver ARTCC.
Using agency. Adjutant General, State of Wyoming.

§ 73.71 Puerto Rico (PR)

R-7103A Salinas, PR
Boundaries. Beginning at lat. 18°02'53"N., long. 66°14'34"W.; to lat. 18°01'09"N., long. 66°15'13"W.; to lat. 17°59'50"N., long. 66°15'59"W.; to lat. 17°59'09"N., long. 66°17'10"W.; to lat. 18°00'53"N., long. 66°19'57"W.; to lat. 18°01'46"N., long. 66°18'52"W.; to lat. 18°02'27"N., long. 66°18'46"W.; to lat. 18°03'18"N., long. 66°17'53"W.; to lat. 18°04'00"N., long. 66°16'59"W.; to the point of beginning.
Designated altitudes. Surface to 12,000 feet MSL.
Time of designation. Intermittent, activated 24 hours in advance by NOTAM.
Controlling agency. FAA, San Juan CERAP.
Using agency. The Adjutant General, Commonwealth of Puerto Rico.
R-7103B Salinas, PR
Boundaries. Beginning at lat. 18°02'53"N., long. 66°14'34"W.; to lat. 18°02'30"N., long. 66°13'38"W.; to lat. 17°58'46"N., long. 66°15'21"W.; to lat. 17°58'23"N., long. 66°16'29"W.; to lat. 17°58'53"N., long. 66°17'36"W.; to lat. 17°59'09"N., long. 66°17'10"W.; to lat. 17°59'49"N., long. 66°15'59"W.; to lat. 18°01'09"N., long. 66°15'13"W.; to the point of beginning.
Designated altitudes. 3,000 feet MSL to 12,000 feet MSL.
Time of designation. Intermittent, activated 24 hours in advance by NOTAM.
Controlling agency. FAA, San Juan CERAP.
Using agency. The Adjutant General, Commonwealth of Puerto Rico.

R-7103C Salinas, PR
Boundaries. Beginning at lat. 17°59'09"N., long. 66°17'10"W.; to lat. 17°58'53"N., long. 66°17'36"W.; to lat. 17°59'37"N., long. 66°19'16"W.; to lat. 18°00'20"N., long. 66°18'57"W.; to the point of beginning.
Designated altitudes. 2,000 feet MSL to 12,000 feet MSL.
Time of designation. Intermittent, activated 24 hours in advance by NOTAM.
Controlling agency. FAA, San Juan CERAP.
Using agency. The Adjutant General, Commonwealth of Puerto Rico.

R-7105 Lajas, PR
Boundaries. That airspace within a 3-nautical-mile radius centered on lat. 17°58'38"N., long. 67°04'54"W.
Designated altitudes. Surface to and including 15,000 feet MSL.
Times of designation. Continuous.
Controlling agency. FAA, San Juan CERAP.
Using agency. U.S. Customs and Border Protection, Caribbean Air and Marine Operations Center, Punta Salinas, PR.

AMENDMENTS 12/12/13 78 FR 63869 (Amended)

§ 73.72 Guam (GU)

R-7201 Farallon De Medinilla Island Mariana Islands, GU
Boundaries. The area within a 3-nautical mile radius of lat. 16°01'04"N., long. 146°03'31"E.
Designated altitudes. Surface to FL 600.
Time of designation. As activated by NOTAM 12 hours in advance.
Controlling agency. FAA, Guam Center/RAPCON.
Using agency. Commander, Joint Region, Marianas.

AMENDMENTS 06/22/17 82 FR 13389 (Amended)

R-7201A Farallon De Medinilla Island, Mariana Islands
Boundaries. That airspace between a 3 NM radius and a 12 NM radius of lat. 16°01'04"N., long. 146°03'31"E.
Designated altitudes. Surface to FL 600.
Time of designation. By NOTAM 12 hours in advance.
Controlling agency. FAA, Guam CERAP.
Using agency. Commander, Joint Region Marianas.

AMENDMENTS 06/22/17 82 FR 13389 (Added)

Subpart C – Prohibited Areas

§ 73.81 Applicability.

This subpart designates prohibited areas and prescribes limitations on the operation of aircraft therein.

§ 73.83 Restrictions.

No person may operate an aircraft within a prohibited area unless authorization has been granted by the using agency.

§ 73.85 Using Agency.

For the purpose of this subpart, the using agency is the agency, organization or military command that established the requirements for the prohibited area.

Note: Sections 73.87 through 73.99 are reserved for descriptions of designated prohibited areas.

§ 73.87

P-56 District of Columbia
Boundaries.
A. Beginning at the southwest corner of the Lincoln Memorial (lat. 38°53'20"N., long. 77°03'02"W.); thence via a 327° bearing, 0.6 miles, to intersect the Rock Creek and Potomac Parkway, NW (at lat. 38°53'45"N., long. 77°03'23"W.); thence northeast to the intersection of New Hampshire Avenue, NW and F Street, NW (at lat. 38°53'50"N., long. 77°03'17"W.); thence along New Hampshire Avenue, NW, 0.4 miles to Washington Circle at the intersection of New Hampshire Avenue and K Street, NW (lat. 38°54'08"N., long. 77°03'01"W.); thence east along K Street 2.5 miles to the railroad overpass between First and Second Streets, NE (lat. 38°54'08"N., long. 77°00'13"W.); thence southeast via a 158° bearing 0.7 miles, to the southeast corner of Stanton Square, at the intersection of Massachusetts Avenue and Sixth Street, NE (lat. 38°53'35"N., long. 76°59'56"W.); thence southwest via a 211° bearing 0.8 miles, to the Capitol Power Plant at the intersection of New Jersey Avenue and E Street, SE (lat. 38°52'59"N., long. 77°00'24"W.); thence west via a 265° bearing 0.7 miles, to the intersection of the Southwest Freeway (Interstate Route 395) and Sixth Street, SW extended (lat. 38°52'56"N., long. 77°01'12"W.); thence north along Sixth Street 0.4 miles, to the intersection of Sixth Street and Independence Avenue, SW (lat. 38°53'15"N., long. 77°01'12"W.); thence west along the north side of Independence Avenue 0.8 miles, to the intersection of Independence Avenue and 15th Street, SW (lat. 38°53'16"N., long. 77°02'01"W.); thence west along the southern lane of Independence Avenue 0.4 miles to the west end of the Kutz Memorial Bridge over the Tidal Basin (lat. 38°53'12"N., long. 77°02'27"W.); thence west via a 285° bearing 0.6 miles, to the southwest corner of the Lincoln Memorial, to the point of beginning.

B. That area within a 1/2-mile-radius from the center of the U. S. Naval Observatory located between Wisconsin and Massachusetts Avenues at 34th Street, NW (lat. 38°55'17"N., long. 77°04'01"W.).
Designated altitudes. Surface to 18,000 feet MSL.
Time of designation. Continuous.
Using agency. United States Secret Service, Washington, DC.

AMENDMENTS 05/05/11 76 FR 9501 (Amended)

§ 73.89

P-47 Amarillo, TX
Boundaries. Beginning at lat. 35°21'09"N., long. 101°37'05"W.; to lat. 35°21'11"N., long. 101°32'29"W.; to lat. 35°18'09"N., long. 101°32'29"W.; to lat. 35°18'09"N., long.101°34'50"W.; to lat. 35°17'55"N., long. 101°35'10"W.; to lat. 35°17'55"N., long. 101°35'39"W.; to lat. 35°19'05"N., long. 101°35'42"W.; to lat. 35°19'05"N., long. 101°36'06"W.; to lat. 35°18'02"N., long. 101°36'29"W.; to lat. 35°18'02"N., long. 101°37'05"W.; to the point of beginning.
Designated altitudes. Surface to 4,800 feet MSL (1,200 feet AGL).
Time of designation. Continuous.
Using agency. Manager, Pantex Field Office, Department of Energy, Amarillo, TX.

P-49 Crawford, TX
Boundaries. That airspace within a 2 NM radius of lat. 31°34'45"N., long. 97°32'00"W.
Designated altitudes. Surface to 2,000 feet MSL.
Time of designation. Continuous.
Using agency. United States Secret Service, Washington, DC.

AMENDMENTS 06/03/10 75 FR 15992 (Revised)

§ 73.90

P-40 Thurmont, MD
Boundaries. That airspace within a 3 NM radius of the Naval Support Facility, lat. 39°38'53"N., long. 77°28'00"W.
Designated altitudes. Surface to but not including 5,000 feet MSL.
Time of designation. Continuous.
Using agency. Administrator, FAA, Washington, DC.

§ 73.91

P-73 Mount Vernon, VA
Boundaries. That airspace within a 0.5-mile radius of lat. 38°42'28"N., long. 77°05'10"W.
Designated altitudes. Surface to but not including 1,500 feet MSL.
Time of designation. Continuous.
Using agency. Administrator, FAA, Washington, DC.

§ 73.92

P-50 Kings Bay, GA
Boundaries. That airspace within a 2-NM radius of lat. 30°48'00"N., long. 81°31'00"W.
Designated altitudes. Surface to but not including 3,000 feet MSL.
Time of designation. Continuous.
Using agency. Administrator, FAA, Washington, DC.

AMENDMENTS 02/16/06 70 FR 76148 (Added)

§ 73.93

P-51 Bangor, WA
Boundaries. Beginning at lat. 47°46'31"N., long. 122°46'12"W.; to lat. 47°46'29"N., long. 122°41'31"W.; to lat. 47°41'42"N., long. 122°41'27"W.; to lat. 47°41'40"N., long. 122°44'11"W.; to lat. 47°43'19"N., long. 122°46'09"W.; to the point of beginning.
Designated Altitudes. Surface to but not including 2,500 MSL.
Time of designation. Continuous.
Using agency. Administrator, FAA, Washington, DC.

AMENDMENTS 12/22/05 70 FR 29946 (Added)

§ 73.94

P-67 Kennebunkport, ME
Boundaries. A circular area of 1-mile radius centered on lat. 43°20'40"N., long. 70°27'34"W.
Designated altitudes. Surface to 1,000 feet MSL.
Time of designation. Continuous.
Using agency. Administrator, FAA, Washington, DC.

Part II – Nonregulatory Special Use Airspace Areas

Subpart A – General

General.

Horizontal Limits. The horizontal limits of special use airspace are defined by geographic coordinates or other appropriate references that clearly describe their boundaries.

Vertical Limits.

a. Vertical limits are established as necessary to contain the planned activities.

b. Within areas solely containing aircraft operations, altitudes at or above 18,000 feet MSL are expressed as flight levels. Within areas containing other than aircraft operations, altitudes at or above 18,000 feet MSL are expressed as feet above mean sea level (MSL).

c. Below 18,000 feet MSL, altitudes are expressed to the nearest 100 feet. Above 18,000 feet MSL, altitudes/flight levels are to the nearest 500 feet.

d. Procedures for determining the floor of special use airspace vary according to area type and are contained in the appropriate chapters in Handbook 7400.2 Procedures for Handling Airspace Matters.

e. Ceilings are expressed as flight levels or feet above MSL. Unless otherwise specified, the word "to" an altitude or flight level means "to and including" that altitude or flight level. If the vertical limit does not include the altitude or flight level, the ceiling is expressed as "to but not including."

Times of use. Times of use are expressed in the local time of the using agency using the 24-hour clock.

Controlling agency. An FAA or military facility is assigned as the controlling agency. This is not applicable, when the airspace will not be joint use.

Using agency. Normally, the using agency is the agency, organization or military command whose activity established the requirement for the special use airspace. An ATC facility may be the using agency for joint use areas when the facility is specified in a letter of procedure as having priority for use of the area.

Subpart B – Military Operations Areas

Definition.

A Military Operations Area (MOA) is airspace established outside of Class A airspace to separate/segregate certain nonhazardous military activities from IFR traffic and to identify for VFR traffic where these activities are conducted.

Activities.

MOA's are established to contain certain military activities such as air combat maneuvers, air intercepts, acrobatics, etc.

Abel Bravo MOA, CA
Boundaries. Beginning at lat. 32°56'30"N., long. 115°27'03"W.; to lat. 32°57'00"N., long. 115°10'53"W.; to lat. 32°51'00"N., long. 115°05'33"W.; to lat. 32°51'00"N., long. 115°26'03"W.; to the point of beginning, excluding R-2512.
Altitudes. 7,000 feet MSL to but not including FL 180.
Times of use. 0500 to 2200 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. U.S. Marine Corps, Marine Corps Air Station, Yuma, AZ.

ADDED 09/16/93

Abel East MOA, CA
Boundaries. Beginning at lat. 33°15'30"N., long. 114°55'33"W. to lat. 33°03'00"N., long. 114°45'03"W.; to lat. 32°51'00"N., long. 114°45'03"W.; to lat. 32°51'00"N., long.115°05'33"W.; to lat. 32°57'00"N., long. 115°10'53"W.; to lat. 33°08'45"N., long. 114°56'43"W.; to the point of beginning.
Altitudes. 5,000 feet MSL to but not including 13,000 feet MSL.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. USMC, MCAS Yuma, AZ.

ADDED 03/08/90

Abel North MOA, CA
Boundaries. Beginning at lat. 33°32'40"N., long. 115°33'53"W.; to lat. 33°31'00"N., long. 115°04'03"W.; to lat. 33°15'30"N., long. 114°55'33"W.; to lat. 33°08'45"N., long.114°56'43"W.; to lat. 33°01'00"N., long. 115°06'03"W.; to lat. 33°14'00"N., long. 115°22'33"W.; to lat. 33°21'30"N., long. 115°32'58"W.; to lat. 33°23'40"N., long. 115°33'23"W.; to lat. 33°28'30"N., long. 115°42'13"W.; to the point of beginning, excluding R-2507N, R-2507S and R-2507E.
Altitudes. 7,000 feet MSL to but not including FL 180.

Times of use. 0500 to 2200 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. U.S. Marine Corps, Marine Corps Air Station, Yuma, AZ.

BOUNDARIES CHANGED 06/08/06

Abel South MOA, CA
Boundaries. Beginning at lat. 33°21'30"N., long. 115°32'58"W.; to lat. 33°01'00"N., long. 115°06'03"W.; to lat. 32°57'00"N., long. 115°10'53"W.; to lat. 32°56'30"N., long. 115°27'03"W.; to the point of beginning, excluding R-2507W and R-2512 when active.
Altitudes. 7,000 feet MSL to but not including FL 180.
Times of use. 0500 to 2200 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. U.S. Marine Corps, Marine Corps Air Station, Yuma, AZ.

BOUNDARIES CHANGED 06/22/17

Ada East MOA, KS
Boundaries. Beginning at lat. 39°07'40"N., long. 97°38'01"W.; to lat. 39°37'30"N., long. 97°39'01"W.; to lat. 39°46'30"N., long. 97°00'01"W.; to lat. 39°05'30"N., long. 97°00'01"W.; to lat. 39°01'30"N., long. 97°23'46"W.; thence counterclockwise along the 12 NM DME arc of the Salina VORTAC to the point of beginning.
Altitudes. 7,000 feet MSL to but not including FL 180.
Times of use. Sunrise-sunset Monday-Friday; occasional use on weekends by NOTAM.
Controlling agency. FAA, Kansas City ARTCC.
Using agency. Air National Guard, Det 1, 184 Intelligence Wing, Smoky Hill ANG Range, KS.

USING AGENCY CHANGED 11/13/14

Ada West MOA, KS
Boundaries. Beginning at lat. 39°02'00"N., long. 97°50'21"W.; to lat. 39°08'00"N., long. 98°30'01"W.; to lat. 39°26'00"N., long. 98°30'01"W.; to lat. 39°37'30"N., long. 97°39'01"W.; to lat. 39°07'40"N., long. 97°38'01"W.; thence counterclockwise along the 12 NM DME arc of the Salina VORTAC to the point of beginning.
Altitudes. 7,000 feet MSL to but not including FL 180.
Times of use. Sunrise-sunset Monday-Friday; occasional use on weekends by NOTAM.
Controlling agency. FAA, Kansas City ARTCC.
Using agency. Air National Guard, Det 1, 184 Intelligence Wing, Smoky Hill ANG Range, KS.

USING AGENCY CHANGED 11/13/14

Adirondack A MOA, NY
Boundaries. Beginning at lat. 44°30'00"N., long. 75°20'00"W.; to lat. 44°36'00"N., long. 75°03'00"W.; to lat. 44°30'00"N., long. 75°03'00"W.; to the point of beginning.
Altitudes. 6,000 feet MSL to but not including FL 180.
Times of use. May 1-August 31: 0800-1700 Monday-Friday; other times by NOTAM.
September 1-April 30: 0800-2200 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Boston ARTCC.
Using agency. NY ANG, 174FW/Det 1, Fort Drum, NY.

ADDED 11/20/08

Adirondack B MOA, NY
Boundaries. Beginning at lat. 44°19'00"N., long. 75°37'05"W.; to lat. 44°26'30"N., long. 75°30'00"W.; to lat. 44°30'00"N., long. 75°20'00"W.; to lat. 44°30'00"N., long. 75°03'00"W.; to lat. 44°27'30"N., long. 75°03'00"W.; to lat. 44°20'20"N., long. 75°10'30"W.; to lat. 44°15'09"N., long. 75°30'42"W.; to lat. 44°16'07"N., long. 75°32'41"W.;to the point of beginning; excluding R-5202B when active.
Altitudes. 2,500 feet MSL to but not including FL 180.
Times of use. May 1-August 31: 0800-1700 Monday-Friday; other times by NOTAM.
September 1-April 30: 0800-2200 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Boston ARTCC.
Using agency. NY ANG, 174FW/Det 1, Fort Drum, NY.

ADDED 11/20/08

Adirondack C MOA, NY
Boundaries. Beginning at lat. 44°15'09"N., long. 75°30'42"W.; to lat. 44°20'20"N., long. 75°10'30"W.; to lat. 44°27'30"N., long. 75°03'00"W.; to lat. 44°06'00"N., long. 75°03'00"W.; to lat. 44°06'00"N., long. 75°28'49"W.; to lat. 44°07'10"N., long. 75°26'49"W.; to lat. 44°11'24"N., long. 75°22'59"W.; to the point of beginning; excluding R-5202B when active.
Altitudes. 100 feet AGL to but not including FL 180.
Times of use. May 1-August 31: 0800-1700 Monday-Friday; other times by NOTAM.
September 1-April 30: 0800-2200 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Boston ARTCC.
Using agency. NY ANG, 174FW/Det 1, Fort Drum, NY

ADDED 11/20/08

Adirondack D MOA, NY
Boundaries. Beginning at lat. 44°11'50"N., long. 75°43'53"W.; to lat. 44°19'00"N., long. 75°37'05"W.; to lat. 44°16'07"N., long. 75°32'41"W.; to lat. 44°10'50"N., long. 75°38'59"W.; to lat. 44°09'34"N., long. 75°40'00"W.; to the point of beginning; excluding R-5202B when active.
Altitudes. 5,000 feet MSL to but not including FL 180.

Times of use. May 1-August 31: 0800-1700 Monday-Friday; other times by NOTAM. September 1-April 30: 0800-2200 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Boston ARTCC.
Using agency. NY ANG, 174FW/Det 1, Fort Drum, NY.

ADDED 11/20/08

Airburst X MOA, CO
Boundaries. Beginning at lat. 38°42'00"N., long. 105°08'02"W.; to lat. 38°40'00"N., long. 104°53'02"W.; to lat. 38°37'30"N., long. 104°53'02"W.; thence southwest along Colorado Highway 115 to lat. 38°29'35"N., long. 104°57'32"W.; to lat. 38°26'08"N.,long.104°57'32"W.; to lat. 38°26'15"N., long. 105°00'00"W.; to lat. 38°29'00"N., long. 105°06'02"W.; to lat. 38°29'00"N., long. 105°15'32"W.; thence to point of beginning.
Altitudes. 1,500 feet AGL to but not including FL 180.
Times of use. Sunrise to sunset, Tuesday-Saturday other times by NOTAM except between 2200 and 0700 local hours.
Controlling agency. FAA, Denver ARTCC.
Using Agency. 140th Wing, Buckley Air Force Base, CO.

ADDED 11/08/18

Airburst Y MOA, CO
Boundaries. Beginning at lat. 38°26'15"N., long. 105°00'00"W.; to lat. 38°26'08"N., long. 104°57'32"W.; to lat. 38°26'10"N., long. 104°49'02"W.; to lat. 38°25'35"N., long. 104°49'02"W.; to lat. 38°24'00"N., long. 104°49'54"W.; to lat. 38°24'45"N., long. 104°58'47"W.; thence to point of beginning.
Altitudes. 500 feet AGL to but not including FL 180.
Times of use. Sunrise to sunset, Tuesday-Saturday other times by NOTAM except between 2200 and 0700 local hours.
Controlling agency. FAA, Denver ARTCC.
Using Agency. 140th Wing, Buckley Air Force Base, CO.

ADDED 11/08/18

Airburst Z MOA, CO
Boundaries. Beginning at lat. 38°24'45"N., long. 104°58'47"W.; to lat. 38°24'00"N., long. 104°49'54"W.; to lat. 38°21'36"N., long. 104°50'42"W.; thence west along U.S. Highway 50 to lat. 38°23'50"N., long. 104°58'00"W.; thence to point of beginning.
Altitudes. 500 feet AGL to but not including 8,500 feet MSL.

Times of use. Sunrise to sunset, Tuesday-Saturday other times by NOTAM except between 2200 and 0700 local hours.
Controlling agency. FAA, Denver ARTCC.
Using Agency. 140th Wing, Buckley Air Force Base, CO.

ADDED 11/08/18

Anne High MOA, AR
Boundaries. Beginning at lat. 33°06'00"N., long. 93°45'01"W.; to lat. 33°26'00"N., long. 93°42'01"W.; to lat. 33°26'00"N., long. 93°01'16"W.; to lat. 33°01'00"N., long. 93°15'01"W.; thence to the point of beginning.
Altitudes. 7,000 feet MSL to but not including FL 180.
Times of use. Sunrise-sunset, Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Fort Worth ARTCC.
Using Agency. U.S. Air Force, 307th Bomb Wing, Barksdale Air Force Base, LA.

USING AGENCY CHANGE 04/30/15

Anne Low MOA, AR
Boundaries. Beginning at lat. 33°06'00"N., long. 93°45'01"W.; to lat. 33°26'00"N., long. 93°42'01"W.; to lat. 33°26'00"N., long. 93°01'16"W.; to lat. 33°01'00"N., long. 93°15'01"W.; thence to the point of beginning.
Altitudes. 100 feet AGL to but not including 7,000 feet above MSL, excluding that airspace 1,500 feet AGL and below within the Magnolia Municipal Airport, Magnolia, Arkansas, exclusion beginning at lat. 33°06'00"N., long. 93°12'31"W.; to lat. 33°10'40"N., long. 93°14'11"W.; thence via a 3-nautical mile arc from the Magnolia Municipal Airport (lat. 33°13'45"N., long. 93°13'01"W.) to lat. 33°16'00"N., long. 93°15'51"W.; to lat. 33°26'00"N., long. 93°09'31"W.; thence clockwise via the MOA boundary to point of beginning.
Times of use. Sunrise to sunset, Monday through Friday; other times by NOTAM.
Controlling agency. FAA, Fort Worth ARTCC.
Using Agency. U.S. Air Force, 307th Bomb Wing, Barksdale Air Force Base, LA.

USING AGENCY CHANGE 04/30/15

Avon East MOA, FL
Boundaries. Beginning at lat. 27º44’46”N., long. 81º11’39”W.; to lat. 27º44’46”N., long. 81º08’29”W.; to lat. 27º34’01”N., long. 81º04’29”W.; to lat. 27º32’31”N., long. 81º07’23”W.; to lat. 27º35’01”N., long. 81º08’59”W.; to the point of beginning.
Altitudes. 500 feet AGL to but not including 14,000 feet MSL.
Times of use. Intermittent, sunrise-sunset, Monday-Friday; other times by NOTAM.

Controlling agency. FAA, Miami ARTCC.
Using agency. U.S. Air Force, Commander, 23rd Wing, Det 1, MacDill AFB, FL.

TIMES OF USE CHANGED 01/15/09
BOUNDARIES AND USING AGENCY CHANGED 07/29/10

Avon East High MOA, FL
Boundaries. Beginning at lat. 27°44'46"N., long. 81°11'39"W.; to lat. 27°44'46"N., long. 81°08'29"W.; to lat. 27°34'01"N., long. 81°04'29"W.; to lat. 27°32'31"N., long. 81°07'23"W.; to lat. 27°35'01"N., long. 81°08'59"W.; to the point of beginning.
Altitudes. 14,000 feet to but not including FL 180.
Times of use. Intermittent, normally daylight hours, Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Miami ARTCC.
Using agency. U.S. Air Force, Commander, 23rd Wing, Det 1, MacDill AFB, FL.

ADDED 07/29/10

Bagdad 1 MOA, AZ
Boundaries. Beginning at lat. 34°40'00"N., long. 114°00'03"W.; to lat. 34°39'25"N., long. 113°04'18"W.; to lat. 34°28'35"N., long. 112°53'43"W.; to lat. 34°10'00"N., long. 114°00'03"W.; to the point of beginning.
Altitudes. 7,000 feet MSL, or 5,000 feet AGL, whichever is higher, to but not including FL 180.
Times of use. 0600-1900 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. U.S. Air Force, 56th Fighter Wing, Luke AFB, AZ.

USING AGENCY CHANGED 03/20/03

Bakersfield MOA, CA
Boundaries. Beginning at lat. 35°40'00"N., long. 118°51'03"W.; to lat. 35°40'00"N., long. 118°35'03"W.; to lat. 35°15'00"N., long. 118°35'03"W.; to lat. 34°56'00"N., long.118°21'03"W.; to lat. 35°14'00"N., long. 118°42'03"W.; to the point of beginning.
Altitudes. 2,000 feet AGL to but not including FL 180.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. R-2508 Complex Control Board.

TIME OF USE CHANGED 01/18/07

Barstow MOA, CA
Boundaries. Beginning at lat. 35°07'00"N., long. 116°34'03"W.; to lat. 35°01'20"N., long. 116°41'03"W.; to lat. 34°56'20"N., long. 117°09'03"W.; thence along the eastern border of R-2515 and the southern boundary of R-2502E to the point of beginning.
Altitudes. 200 feet AGL to but not including FL 180.
Times of use. 0600-2200 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. R-2508 Complex Control Board.

CONTROLLING AGENCY CHANGED 03/07/13

Basinger MOA, FL
Boundaries. Beginning at lat. 27°32’31”N., long. 81°07’23”W.; to lat. 27°34’01”N., long. 81°04’29”W.; to lat. 27°23’16”N., long. 80°56’59”W.; to lat. 27°21’01”N., long. 80°59”59”W.; to lat. 27°29’31”N., long. 81°05’27”W.; to the point of beginning.
Altitudes. 500 feet AGL to 5,000 feet MSL, inclusive.
Times of use. Intermittent, normally daylight hours, Monday-Friday; occasionally Saturday and Sunday; other times by NOTAM.
Controlling agency. FAA, Miami ARTCC, FL.
Using agency. U.S. Air Force, Commander, 23rd Wing, Det 1, MacDill AFB, FL.

BOUNDARIES CHANGED 11/13/14

Beak A MOA, NM
Boundaries. Beginning at lat. 34°05'00"N., long. 105°44'02"W.; to lat. 34°05'00"N., long. 105°36'02"W.; to lat. 33°34'00"N., long. 105°00'02"W.; to lat. 33°27'00"N., long.105°00'02"W.; to lat. 33°40'00"N., long. 105°44'02"W.; to the point of beginning.
Altitudes. 12,500 feet MSL up to but not including FL 180.
Times of use. 0600-1800 local Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. 49th Fighter Wing, Holloman AFB, NM.

TIMES OF USE CHANGED 04/08/10

Beak B MOA, NM
Boundaries. Beginning at lat. 33°40'00"N., long. 105°44'02"W.; to lat. 33°27'00"N., long. 105°00'02"W.; to lat. 33°18'00"N., long. 105°00'02"W.; to lat. 33°16'00"N., long.105°44'02"W.; to the point of beginning.
Altitudes. 12,500 feet MSL to but not including FL 180.
Times of use. 0600-1800 local Monday-Friday; other times by NOTAM.

Controlling agency. FAA, Albuquerque ARTCC.
Using agency. 49th Fighter Wing, Holloman AFB, NM.

TIMES OF USE CHANGED 04/08/10

Beak C MOA, NM
Boundaries. Beginning at lat. 33°16'00"N., long. 105°44'02"W., to lat. 33°18'00"N., long. 105°00'02"W.; to lat. 33°10'00"N., long. 105°00'02"W.; to lat. 32°57'00"N., long. 105°19'32"W.; to lat. 32°56'30"N., long. 105°44'02"W.; to the point of beginning.
Altitudes. 12,500 feet MSL up to but not including FL 180.
Times of use. 0600-1800 local Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. 49th Fighter Wing, Holloman AFB, NM.

TIMES OF USE CHANGED 04/08/10

Beaufort 1 MOA, SC
Boundaries. Beginning at lat. 32°34’01”N., long. 80°21’29”W.; to lat. 32°30’46”N., long. 80°14’59”W.; to lat. 32°30’11”N., long. 80°06’40”W.; thence southwest 3 NM from and parallel to the shoreline to lat. 32°09’47”N., long. 80°35’16”W.; to lat. 32°16’01”N., long. 80°47’39”W.; to the point of beginning.
Altitudes. 100 feet AGL to 10,000 feet MSL, excluding the airspace 3,000 feet MSL and below within a 7.5-NM radius arc centered at lat. 32°13’01”N., long. 80°41’59”W.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. Marine Corps Air Station Beaufort, Beaufort, SC.

AMENDED 06/25/15

Beaufort 2 MOA, SC
Boundaries. Beginning at lat. 32°34'01"N., long. 80°21'29"W.; to lat. 32°16'01"N., long. 80°47'39"W.; to lat. 32°19'51"N., long. 80°55'29"W.; to lat. 32°43'41"N., long. 80°42'49"W.; to lat. 32°45'31"N., long. 80°30'59"W.; to lat. 32°44'01"N., long. 80°30'29"W.; to lat. 32°37'01"N., long. 80°26'59"W.; to the point of beginning.
Altitudes. 100 feet AGL to 7,000 feet MSL excluding airspace 3,000 feet MSL and below in the following area Beginning at lat. 32°20'30"N., long. 80°41'10"W.; to lat. 32°16'01"N., long. 80°47'39"W.; to lat. 32°16'57"N., long. 80°49'31"W.; thence clockwise via a 7.5 NM arc centered at lat. 32°13'01"N., long. 80°41'59"W.; to the point of beginning.
Times of use. Intermittent, 4 daylight hours per day, 2 days per month by NOTAM. (Contact nearest Flight Service Station).
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. Marine Corps Air Station, Beaufort, SC.

Beaufort 3 MOA, SC
Boundaries. Beginning at lat. 32°45'31"N., long. 80°30'59"W.; to lat. 32°43'41"N., long. 80°42'49"W.; to lat. 32°19'51"N., long. 80°55'29"W.; to lat. 32°20'31"N., long. 80°55'59"W.; to lat. 32°30'01"N., long. 81°01'29"W.; to lat. 32°35'51"N., long. 81°01'29"W.; to lat. 32°36'46"N., long. 80°59'59"W.; to lat. 32°47'16"N., long. 80°53'59"W.; to lat. 32°48'31"N., long. 80°43'59"W.; to lat. 32°47'11"N., long. 80°31'24"W.; to the point of beginning.
Altitudes. 100 feet AGL to 2,000 feet MSL.
Times of use. Intermittent, 4 daylight hours per day, 2 days per month by NOTAM. (Contact nearest Flight Service Station).
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. Marine Corps Air Station, Beaufort, SC.

Beaver MOA, MN
Boundaries. Beginning at lat. 47°30'00"N., long. 93°36'00"W.; to lat. 48°16'18"N., long. 93°32'30"W.; to lat. 48°32'00"N., long. 94°00'00"W.; to lat. 48°32'00"N., long. 94°33'00"W.; to lat. 48°06'12"N., long. 94°43'00"W.; to lat. 47°53'00"N., long. 94°43'00"W.; to lat. 47°30'00"N., long. 94°23'00"W.; to the point of beginning.
Altitudes. 300 feet AGL up to but not including 18,000 feet MSL, and excluding the airspace below 1,500 AGL within 3 nautical miles of the following public use airports: Big Falls, Bigfork, Bowstring, Northhome, and Waskish.
Times of use. 0800-2200, Monday-Friday, by NOTAM; 0800-1600, Saturday-Sunday, by NOTAM.
Controlling Agency. Minneapolis ARTCC.
Using Agency. USAF, 148th Fighter Group, Duluth International Airport, MN.

TIMES OF USE CHANGE 03/10/11

Benning MOA, GA
Boundaries. Beginning at lat. 32°33'01"N., long. 84°39'25"W.; to lat. 32°33'01"N., long. 84°30'00"W.; to lat. 32°22'01"N., long. 84°30'00"W.; to lat. 32°17'01"N., long. 84°39'25"W.; to the point of beginning.
Altitudes. 500 feet AGL to and including 8,000 feet MSL.
Times of use. 0700-2000, normally Monday-Friday; occasionally on Saturday and Sunday by NOTAM.
Controlling agency. FAA, Atlanta TRACON.
Using agency. U. S. Army, Fort Benning, GA.

CONTROLLING AGENCY CHANGED 05/26/16

Big Bear MOA, MI
Boundaries. Beginning at lat. 46°37'00"N., long. 89°40'01"W.; to lat. 46°56'30"N., long. 88°51'00"W.; to lat. 46°52'00"N., long. 88°32'00"W.; to lat. 46°05'00"N., long. 88°18'00"W.; to lat. 46°05'00"N., long. 88°38'00"W.; to lat. 46°21'00"N., long. 89°22'01"W.; to the point of beginning, excluding the airspace at and below 1,500 feet AGL within a 3 NM radius of the Stambaugh Airport located at lat. 46°04'44"N., long. 88°38'08"W.

Altitudes. 500 feet AGL to but not including FL 180.
Times of use. 0800-1800 daily; other times by NOTAM.
Controlling agency. FAA, Minneapolis ARTCC.
Using agency. U.S. Air Force, Northeast Air Defense Sector/DOOS, Griffiss AFB, NY.

BOUNDARIES CHANGED 02/06/14

Birch MOA, AK
Boundaries. Beginning at lat. 64°31'17"N, long. 146°09'31"W; to lat. 64°24'55"N, long. 145°42'07"W; to lat. 64°12'51"N, long. 146°03'31"W; to lat. 64°05'30"N, long. 146°16'31"W; to lat. 64°14'44"N, long. 146°43'23"W; to lat. 64°17'43"N, long. 147°03'29"W; to the point of beginning, excluding that airspace 500 feet AGL to 3,000 feet MSL from 1/2 NM north of the Alaska Highway to the south side of the Tanana River.
Altitudes. 500 feet AGL to but not including 5,000 feet MSL.
Times of use. 0800-1800, Monday-Friday; by NOTAM for other times between 0700-0000; pending Special Use Airspace Information Service availability.
Controlling agency. FAA, Anchorage ARTCC.
Using agency. U.S. Air Force 354th Fighter Wing, Eielson AFB, AK.
NOTE: SUAIS including VHF transmitter/receiver, recording, and telephone capability must be operational during activation. Any operation during reduced capability requires the issuance of a NOTAM.

ALTITUDES, TIMES OF USE AND NOTE CHANGED 11/08/18

Birmingham MOA, AL
Boundaries. Beginning at lat. 33°00'00"N., long. 87°25'20"W.; to lat. 33°00'00"N., long. 87°05'40"W.; to lat. 32°58'25"N., long. 87°01'20"W.; to lat. 32°26'35"N., long. 87°02'25"W.; to lat. 32°29'50"N., long. 87°53'20"W.; to lat. 32°35'30"N., long. 87°59'30"W.; to the point of beginning.
Altitudes. 10,000 feet MSL to but not including FL 180.
Times of use. 0700-2200 daily; other times by NOTAM. Contact nearest Flight Service Station.
Controlling agency. FAA, Atlanta ARTCC.
Using agency. Air National Guard, 187th Fighter Wing, Montgomery, AL.

USING AGENCY CHANGED 07/15/99

Birmingham 2 MOA, AL
Boundaries. Beginning at lat. 33°00'00"N., long. 87°25'20"W.; to lat. 33°00'00"N., long. 87°05'40"W.; to lat. 32°58'25"N., long. 87°01'20"W.; to lat. 32°26'35"N., long. 87°02'25"W.; to lat. 32°29'10"N., long. 87°42'00"W.; to lat. 32°32'30"N., long. 87°50'00"W.; to lat. 32°35'30"N., long. 87°59'30"W.; to the point of beginning.
Altitudes. 500 feet AGL to but not including 10,000 feet MSL; excluding the following airspace: (1) lat. 33°00'00"N., long. 87°09'10"W.; to lat. 33°00'00"N., long. 87°05'40"W.; to lat. 32°58'25"N., long. 87°01'20"W.; to lat. 32°52'50"N., long. 87°01'31"W.; to lat. 32°52'50"N.,

long. 87°09'10"W.; to the point of beginning. From surface to but not including 5,000 feet MSL. (2) lat. 32°38'30"N., long. 87°20'10"W.; to lat. 32°32'30"N., long. 87°02'15"W.; to lat. 32°26'35"N., long. 87°02'25"W.; to lat. 32°28'04"N., long. 87°24'47"W.; to the point of beginning. From surface to but not including 4,000 feet MSL. (3) lat. 32°55'31"N., long. 87°31'38"W.; to lat. 32°37'15"N., long. 87°35'40"W.; to lat. 32°38'40"N., long. 87°45'00"W.; to lat. 32°47'11"N., long. 87°43'16"W.; to the point of beginning. From surface to but not including 4,000 feet MSL.
Times of use. 0700-2200, daily.
Controlling agency. FAA, Atlanta ARTCC.
Using agency. Air National Guard, 187th Fighter Wing, Montgomery, AL.

TIMES OF USE CHANGED 01/15/09

Bishop MOA, CA
Boundaries. Beginning at lat. 37°12'00"N., long. 118°26'03"W.; to lat. 37°12'00"N., long. 118°00'03"W.; to lat. 37°09'00"N., long. 118°00'03"W.; to lat. 37°02'00"N., long. 118°20'03"W.; to the point of beginning.
Altitudes. 200 feet AGL to but not including FL 180.
Times of use. 0600-2200 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Joshua Control Facility, Edwards AFB, CA.
Using agency. R-2508 Complex Control Board.

CONTROLLING AGENCY CHANGED 11/13/14

Bison MOA, KS
Boundaries. Beginning at lat. 38°33’30”N., long. 99°09’01”W.; to lat. 38°47’30”N., long. 98°49’31”W.; to lat. 38°48’22”N., long. 98°14’30”W.; to lat. 38°24’13”N., long. 98°14’30”W.; to lat. 38°23’15”N., long. 98°18’01”W.; to lat. 38°16’00”N., long. 98°25’01”W.; to the point of beginning.
Altitudes. 1,000 feet AGL to but not including FL 180. The airspace 1,500 AGL and below within a 3 NM radius of the Ellsworth Municipal Airport, KS is excluded from the MOA.
Times of use. 0830-1130 and 1330-1600, Monday-Friday; 0830-1130 and 1330-1600, one weekend per month, by NOTAM; other times by NOTAM.
Controlling agency. FAA, Kansas City ARTCC.
Using agency. Air National Guard, 184th Air Refueling Wing, Detachment 1, Smoky Hill ANG Range, Salina, KS.

TIMES OF USE CHANGED 01/15/09

Boardman MOA, OR
Boundaries. Beginning at lat. 45°52'59"N., long. 119°31'04"W.; to lat. 45°51'47"N., long. 119°31'04"W.; to lat. 45°51'57"N., long. 119°30'28"W.; to lat. 45°52'04"N., long. 119°22'23"W.; to lat. 45°46'59"N., long. 119°22'29"W.; to lat. 45°45'09"N., long. 119°22'34"W.; to lat.

45°43'29"N., long. 119°23'54"W.; to lat. 45°42'14"N., long. 119°25'04"W.; to lat. 45°39'59"N., long. 119°27'14"W.; to lat. 45°36'09"N., long. 119°45'44"W.; to lat. 45°38'59"N., long. 120°09'04"W.; to lat. 45°45'29"N., long. 120°09'04"W.; proceed along the south shore of the Columbia River to lat. 45°50'49"N., long. 119°48'44"W.; to lat. 45°50'49"N., long. 119°45'04"W.; to lat. 45°50'19"N., long. 119°45'04"W.; to lat. 45°50'19"N., long. 119°42'34"W.; to lat. 45°50'42"N., long. 119°42'33"W.; thence along the south shore of the Columbia River to lat. 45°51'09"N., long. 119°40'04"W.; to the point of beginning, excluding that airspace within R-5701 and R-5706 when active.
Altitudes. 4,000 feet MSL to but not including FL 180.
Times of use. 0730-2359 Monday-Friday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Seattle ARTCC.
Using agency. U.S. Navy, Commanding Officer, NAS Whidbey Island, Oak Harbor, WA

BOUNDARIES CHANGED 10/13/94

Boardman Low MOA, OR
Boundaries. Beginning at lat. 45°50'04"N., long. 119°37'27"W.; to lat. 45°51'57"N., long. 119°30'28"W.; to lat. 45°52'04"N., long. 119°22'23"W.; to lat. 45°47'26"N., long. 119°22'28"W.; to lat. 45°46'32"N., long. 119°31'37"W.; to lat. 45°46'12"N., long. 119°35'02"W.; to lat. 45°47'54"N., long. 119°37'33"W.; to the point of beginning, excluding that airspace within R-5701 and R-5706 when active.
Altitudes. 500 feet AGL to but not including 4,000 feet MSL.
Times of use. 0730-2359 Monday-Friday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Seattle ARTCC.
Using agency. U.S. Navy, Commanding Officer, NAS Whidbey Island, Oak Harbor, WA.

ADDED 10/08/16

Brady High MOA, TX
Boundaries. Beginning at lat. 31°21'14"N., long. 98°33'26"W.; to lat. 30°53'13"N., long. 98°49'21"W.; to lat. 31°08'12"N., long. 99°33'56"W.; to lat. 31°18'01"N., long. 99°37'01"W.; to lat. 31°20'31"N., long. 99°30'01"W.; thence to the point of the beginning.
Altitudes. 6,000 feet MSL, to but not including, FL 180.
Times of use. Sunrise-2200, Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Houston ARTCC.
Using agency. U.S. Air Force, 301st Fighter Wing, Naval Air Station Fort Worth Joint Reserve Base, TX.

USING AGENCY CHANGED 01/08/15

Brady Low MOA, TX
Boundaries. Beginning at lat. 31°21'14"N., long. 98°33'26"W.; to lat. 30°53'13"N., long. 98°49'21"W.; to lat. 31°08'12"N., long. 99°33'56"W.; to lat. 31°18'01"N., long. 99°37'01"W.; to lat. 31°20'31"N., long. 99°30'01"W.; thence to the point of the beginning.
Altitudes. 500 feet AGL to but not including 6,000 feet MSL; excluding the following airspace: (1) Within a 3NM radius of the Curtis, TX, Airport (lat. 31°11'01"N., long 99°19'28"W.) and within 3NM each side of the 180° true bearing of the airport to the southern boundary of the MOA. From the surface to 1,500 feet AGL. (2) Within a 3NM radius of the San Saba Co Muni, TX, Airport (lat. 31°14'07"N., long. 98°43'01"W.) and within 3NM each side of the 145° true bearing of the airport to the eastern boundary of the MOA. From the surface to 1,500 feet AGL.
Times of use. Sunrise-2200 local, Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Houston ARTCC.
Using agency. U.S. Air Force, 301st Fighter Wing, Naval Air Station Fort Worth Joint Reserve Base, TX.

USING AGENCY CHANGED 01/08/15

Brady North MOA, TX
Boundaries. Beginning at lat. 31°23'00"N., long. 99°45'00"W.; to lat. 31°23'10"N., long. 99°23'00"W.; to lat. 31°23'20"N., long. 98°53'35"W.; to lat. 31°23'30"N., long. 98°33'00"W.; to lat. 31°21'14"N., long. 98°33'26"W.; to lat. 31°20'31"N., long. 99°30'01"W.; to lat. 31°18'01"N., long. 99°37'01"W.; thence to the point of the beginning.
Altitudes. 3,600 feet MSL, up to, but not including, FL 180.
Times of use. Sunrise-2200, Sunday-Friday; other times by NOTAM.
Controlling agency. FAA, Houston ARTCC.
Using agency. U.S. Air Force, 301st Fighter Wing, Naval Air Station Fort Worth Joint Reserve Base, TX.

USING AGENCY CHANGED 01/08/15

Bristol MOA, CA
Boundaries. Beginning at lat. 34°43'00"N., long. 116°17'03"W.; to lat. 34°42'50"N., long. 115°26'33"W.; to lat. 34°22'00"N., long. 115°35'23"W.; to lat. 34°17'00"N., long.115°41'13"W.; to lat. 34°17'00"N., long. 115°44'03"W.; to lat. 34°25'00"N., long. 115°44'03"W.; to lat. 34°25'00"N., long. 115°47'03"W.; to lat. 34°33'00"N., long. 115°47'03"W.; to lat. 34°34'40"N., long. 115°54'58"W.; to lat. 34°35'30"N., long. 115°58'03"W.; to lat. 34°41'00"N., long. 116°03'03"W.; to lat. 34°41'15"N., long. 116°04'33"W.; to the point of beginning.
Altitudes. 5,000 feet MSL to but not including FL 180.
Times of use. 0700-1500 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. Marine Corps Air Ground Combat Center, Twentynine Palms, CA.

Bronco 3 MOA, TX
Boundaries. Beginning at lat. 33°21'42"N., long. 103°43'00"W.; to lat. 33°30'28"N., long. 102°36'33"W.; to lat. 33°23'24"N., long. 102°33'26"W.; to lat. 33°16'23"N., long.102°28'27"W.; to lat. 32°47'17"N., long. 103°21'32"W.; to lat. 33°00'14"N., long. 103°47'52"W.; to lat. 33°15'38"N., long. 103°48'05"W.; to the point of beginning.
Altitudes. 10,000 feet MSL to, but not including, FL 180.
Times of use. 0700-2000 mountain time, Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Fort Worth ARTCC.
Using Agency. U.S. Air Force, 7th Bomb Wing, Dyess AFB, TX.

USING AGENCY CHANGED 12/02/21

Bronco 4 MOA, TX
Boundaries. Beginning at lat. 32°47'17"N., long. 103°21'32"W.; to lat. 33°16'23"N., long. 102°28'27"W.; to lat. 33°09'30"N., long. 102°20'13"W.; to lat. 33°05'41"N., long.102°13'16"W.; to lat. 33°04'03"N., long. 102°08'49"W.; to lat. 32°30'34"N., long. 102°13'42"W.; to lat. 32°28'21"N., long. 102°43'35"W.; to the point of beginning.
Altitudes. 10,000 feet MSL to, but not including, FL 180.
Times of use. 0700-2000 mountain time, Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Fort Worth ARTCC.
Using Agency. U.S. Air Force, 7th Bomb Wing, Dyess AFB, TX.

USING AGENCY CHANGED 12/02/21
TIMES OF USE CHANGED 05/02/13

Brownwood 1 East MOA, TX
Boundaries. Beginning at lat. 32°06'17"N., long. 98°53'35"W.; to lat. 32°04'45"N., long. 98°16'45"W.; to lat. 31°44'36"N., long. 98°25'00"W.; to lat. 31°45'42"N., long. 98°53'35"W.; to the point of beginning.
Altitudes. 7,000 feet MSL to but not including FL 180.
Times of use. 0700-2200 daily; other times by NOTAM.
Controlling agency. FAA, Fort Worth ARTCC.
Using agency. U.S. Air Force, 301st Fighter Wing, Naval Air Station Fort Worth Joint Reserve Base, TX.

USING AGENCY CHANGED 01/08/15

Brownwood 1 West MOA, TX
Boundaries. Beginning at lat. 32°07'30"N., long. 99°26'00"W.; to lat. 32°06'17"N., long. 98°53'35"W.; to lat. 31°45'42"N., long. 98°53'35"W.; to lat. 31°46'48"N., long. 99°24'36"W.; to the point of beginning.
Altitudes. 7,000 feet MSL to but not including FL 180.
Times of use. 0700-2200 daily; other times by NOTAM.

Controlling agency. FAA, Fort Worth ARTCC.
Using agency. U.S. Air Force, 301st Fighter Wing, Naval Air Station Fort Worth Joint Reserve Base, TX.

USING AGENCY CHANGED 01/08/15

Brownwood 2 East MOA, TX
Boundaries. Beginning at lat. 31°45'42"N., long. 98°53'35"W.; to lat. 31°44'36"N., long. 98°25'00"W.; to lat. 31°23'30"N., long. 98°33'00"W.; to lat. 31°23'20"N., long. 98°53'35"W.; to the point of beginning.
Altitudes. 7,000 feet MSL to but not including FL 180.
Times of use. 0700-2200 daily; other times by NOTAM.
Controlling agency. FAA, Fort Worth ARTCC.
Using agency. U.S. Air Force, 301st Fighter Wing, Naval Air Station Fort Worth Joint Reserve Base, TX.

USING AGENCY CHANGED 01/08/15

Brownwood 2 West MOA, TX
Boundaries. Beginning at lat. 31°46'48"N., long. 99°24'36"W.; to lat. 31°45'42"N., long. 98°53'35"W.; to lat. 31°23'20"N., long. 98°53'35"W.; to lat. 31°23'10"N., long. 99°23'00"W.; to the point of beginning.
Altitudes. 7,000 feet MSL to but not including FL 180.
Times of use. 0700-2200 daily; other times by NOTAM.
Controlling agency. FAA, Fort Worth ARTCC.
Using agency. U.S. Air Force, 301st Fighter Wing, Naval Air Station Fort Worth Joint Reserve Base, TX.

USING AGENCY CHANGED 01/08/15

Brownwood 3 MOA, TX
Boundaries. Beginning at lat. 31°53'45"N., long. 99°46'45"W.; to lat. 32°07'30"N., long. 99°26'00"W.; to lat. 31°23'10"N., long. 99°23'00"W.; to lat. 31°23'00"N., long. 99°45'00"W.; to the point of beginning.
Altitudes. 13,000 feet MSL to but not including FL 180.
Times of use. 0700-2200 daily; other times by NOTAM.
Controlling agency. FAA, Fort Worth ARTCC.
Using agency. U.S. Air Force, 301st Fighter Wing, Naval Air Station Fort Worth Joint Reserve Base, TX.

USING AGENCY CHANGED 01/08/15

Brownwood 4 MOA, TX
Boundaries. Beginning at lat. 31°45'00"N., long. 100°00'00"W.; to lat. 31°53'45"N., long. 99°46'45"W.; to lat. 31°23'00"N., long. 99°45'00"W.; to lat. 31°23'00"N., long. 100°00'00"W.; to the point of beginning.
Altitudes. 13,000 feet MSL to but not including FL 180.
Times of use. 0700-2200 daily; other times by NOTAM.
Controlling agency. FAA, Fort Worth ARTCC.
Using agency. U.S. Air Force, 301st Fighter Wing, Naval Air Station Fort Worth Joint Reserve Base, TX.

USING AGENCY CHANGED 01/08/15

Brush Creek MOA, OH
Boundaries. Beginning at lat. 38°53'52"N., long. 83°35'24"W.; to lat. 39°09'30"N., long. 83°22'30"W.; to lat. 39°13'00"N., long. 83°22'30"W.; to lat. 39°26'00"N., long. 83°31'00"W.; to lat. 39°30'00"N., long. 83°25'00"W.; to lat. 39°30'00"N., long. 83°13'00"W.; to lat. 39°27'00"N., long. 83°12'00"W.; to lat. 39°23'00"N., long. 83°08'30"W.; to lat. 39°18'00"N., long. 83°02'00"W.; to lat. 38°48'30"N., long. 83°02'00"W.; to the point of beginning.
Altitudes. 100 feet AGL up to, but not including 5,000 feet MSL.
Times of use. 0800-2200 Monday-Saturday.
Controlling agency. FAA, Indianapolis ARTCC.
Using Agency. U.S. Air Force, 180th Fighter Wing, Toledo Air National Guard Base, OH.

ALTITUDES CHANGED 04/18/02
USING AGENCY CHANGED 11/05/20

Buckeye MOA, OH
Boundaries. Beginning at lat. 38°55’07”N., long. 83°54’42”W.; to lat. 39°10’45”N., long. 83°53’00”W.; to lat. 39°25’00”N., long. 83°28’00”W.; to lat. 39°27’09”N., long. 83°17’00”W.; to lat. 39°24’20”N., long. 82°49’30”W.; to lat. 39°18’00”N., long. 82°44’15”W.; to lat. 38°58’45”N., long. 82°50’00”W.; to lat. 38°47’00”N., long. 82°58’45”W.; to lat. 38°46’20”N., long. 83°14’20”W.; to lat. 38°52’15”N., long. 83°34’00”W.; to lat. 38°54’04”N., long. 83°49’47”W.; to the point of beginning.
Altitudes. 5,000 feet MSL up to, but not including FL 180.
Times of use. 0800-2200 local, Monday-Friday; 0800-1600 local, Saturday-Sunday; and other times by NOTAM.
Controlling agency. FAA, Indianapolis ARTCC.
Using Agency. U.S. Air Force, 180th Fighter Wing, Toledo Air National Guard Base, OH.

TIMES OF USE CHANGED 01/23/03
USING AGENCY CHANGED 11/05/20

Buckhorn MOA, CA
Boundaries. Beginning at lat. 34°49'40"N., long. 118°05'48"W.; thence along southern boundary of R-2515 to lat. 34°51'17"N., long. 117°26'03"W.; to lat. 34°49'30"N., long. 117°26'03"W.; to lat. 34°46'30"N., long. 117°35'03"W.; to lat. 34°46'00"N., long.118°00'03"W.; to lat. 34°48'00"N., long. 118°05'48"W.; to the point of beginning.
Altitudes. 200 feet AGL to but not including FL 180.
Times of use. 0600-2200 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. R-2508 Complex Control Board.

NAME AND USING AGENCY CHANGED 04/30/92

Buffalo MOA, AK
Boundaries. Beginning at lat. 64°12'28"N., long. 144°50'13"W.; to lat. 63°59'59"N., long. 144°00'08"W.; to lat. 63°59'59"N., long. 143°00'00"W.; to lat. 63°37'00"N., long. 144°13'00"W.; to lat. 63°37'00"N., long. 145°33'00"W.; to lat. 63°30'00"N., long. 145°54'00"W.; to lat. 63°43'59"N., long. 146°30'08"W.; to lat. 63°42'14"N., long. 146°13'34"W.; to lat. 63°42'59"N., long. 145°54'09"W.; to lat. 63°50'29"N., long.145°50'08"W.; to lat. 63°54'06"N., long. 145°50'27"W.; thence via a 7 NM arc counterclockwise of the Big Delta VORTAC; to lat. 63°56'00"N., long. 145°30'28"W.; to lat. 64°04'12"N., long. 145°05'16"W.; to the point of beginning. Excluding that airspace:(1) below 3,000 feet MSL from 2 NM north of the Alaska Highway to 2 NM south of the Alaska Highway, (2) below 3,500 feet MSL from 2 NM east of the Richardson Highway to 1/2 NM west of the Richardson Highway or the Alaska Pipeline whichever is further west, north of a line established between lat. 63°41'14"N., long. 145°54'48"W.; and lat. 63°42'01"N., long. 145°48'52"W., (3) below 3,500 feet MSL from 1/2 NM east of the Richardson Highway to the west side of the Delta River south of a line established between lat. 63°41'14"N., long. 145°54'48"W.; and lat. 63°42'01"N., long. 145°48'52"W., (4) at or below 1,500 feet AGL within a 3-NM radius of the Black Rapids Airport (centered at lat. 63°32'06"N., long. 145°51'39"W. (5) portion wholly contained in R-2201B and R-2201D when active.
Altitudes. 300 feet AGL to but not including 7,000 feet MSL.
Times of use. 0800-1800, Monday-Friday; by NOTAM for other times between 0700-0000; pending Special Use Airspace Information Service availability.
Controlling agency. FAA, Anchorage ARTCC.
Using agency. U.S. Air Force 354th Fighter Wing, Eielson AFB, AK.
NOTE: SUAIS including VHF transmitter/receiver, recording, and telephone capability must be operational during activation. Any operation during reduced capability requires the issuance of a NOTAM.

TIMES OF USE AND NOTE CHANGED 11/08/18
BOUNDARIES CHANGE 10/10/19

Bulldog A MOA, GA
Boundaries. Beginning at lat. 33°01’01”N., long. 82°52’30”W.; to lat. 33°14’01”N., long. 82°29’59”W.; to lat. 33°12’01”N., long. 82°22’59”W.; to lat. 33°13’01”N., long. 82°08’59”W.; to lat. 33°05’46”N., long. 82°04’29”W.; to lat. 32°50’01”N., long. 82°00’59”W.; to lat. 32°43’21”N., long. 82°24’32”W.; to lat. 32°44’13”N., long. 82°46’19”W.; to the point of beginning, excluding that airspace at or below 1,500 feet AGL described as: (1) Beginning at lat. 33°14’01”N., long. 82°29’59”W.; to lat. 33°12’01”N., long. 82°22’59”W.; to lat. 33°12’16”N., long 82°19’34”W.; thence clockwise along a 3-NM arc centered at lat. 33°12’26”N., long. 82°23’09”W.; to lat. 33°09’58”N., long. 82°25’12”W.; to lat. 33°13’18”N., long. 82°31’14”W.; to the point of beginning. (2) Beginning at lat. 33°01’01”N., long 82°52’30”W.; to lat. 33°03’16N., long. 82°48’37”W.; to lat. 32°58’01”N., long. 82°46’14”W.; to lat. 32°51’00”N., long. 82°48’49”W.; to the point of beginning. (3) A 3-NM arc centered at lat. 32°59’00”N., long. 82°23’00”W.
Altitudes. 500 feet AGL to, but not including, 10,000 feet MSL.
Times of use. Intermittent, 0700-2400 daily; other times by NOTAM.
Controlling agency. FAA, Atlanta ARTCC.
Using agency. U.S. Air Force, 20th Fighter Wing, Shaw AFB, SC.

AMENDED 11/15/12

Bulldog B MOA, GA
Boundaries. Beginning at lat. 33°14'01"N., long. 82°29'59"W.; to lat. 33°12'01"N., long. 82°22'59"W.; to lat. 33°13'01"N., long. 82°08'59"W.; to lat. 33°13'01"N., long. 81°58'59"W.; to lat. 32°54'01"N., long. 81°50'29"W.; to lat. 32°34'01"N., long. 81°55'59"W.; to lat. 32°33'46"N., long. 81°57'49"W.; to lat. 32°32'46"N., long. 82°03'44"W.; to lat. 32°34'31"N., long. 82°25'29"W.; to lat. 32°37'51"N., long. 82°43'59"W.; to lat. 33°01'01"N., long. 82°52'30"W.; to lat. 33°13'26"N., long. 82°31'29"W.; to the point of beginning.
Altitudes. 10,000 feet MSL up to but not including FL 180.
Times of use. Intermittent, 0700-2400 daily; other times by NOTAM.
Controlling agency. FAA, Atlanta ARTCC.
Using agency. U.S. Air Force, 20th Fighter Wing, Shaw AFB, SC.

TIMES OF USE CHANGED 01/23/03

Bulldog C MOA, GA
Boundaries. Beginning at lat. 32°54’12”N., long. 82°01’54”W.; to lat. 32°52’34”N., long. 81°50’53”W.; to lat. 32°34’01”N., long. 81°55’59”W.; to lat. 32°33’46”N., long. 81°57’49”W.; to lat. 32°32’46”N., long. 82°03’44”W.; to lat. 32°33’16”N., long. 82°10’03”W.; to lat. 32°40’12”N., long. 82°11’37”W.; to lat. 32°41’43”N., long. 82°13’32”W.; to lat. 32°43’21”N., long. 82°24’32”W.; to lat. 32°50’01”N., long. 82°00’59”W.; to the point of beginning, excluding that airspace at or below 1,500 feet AGL beginning at lat. 32°53’06”N., long. 81°54’25”W.; thence clockwise along a 3-NM arc centered at lat. 32°53’37”N., long. 81°57’55”W. (Millen Airport [2J5]); to lat. 32°54’08”N., long. 82°01’27”W.; to the point of beginning.
Altitudes. 500 feet AGL to, but not including, 10,000 feet MSL.

Times of use. Intermittent, 0700-2400 daily; other times by NOTAM.
Controlling agency. FAA, Atlanta ARTCC.
Using agency. U.S. Air Force, 20th Fighter Wing, Shaw AFB, SC.

ADDED 11/15/12

Bulldog D MOA, GA
Boundaries. Beginning at lat. 33°14'01"N., long. 82°29'59"W.; to lat. 33°21'16"N., long. 82°18'46"W.; to lat. 33°17'30"N., long. 82°22'59"W.; to lat. 33°16'21"N., long. 82°17'59"W.; to lat. 33°19'44"N., long. 82°12'14"W.; to lat. 33°21'54"N., long. 82°12'14"W.; to lat. 33°13'01"N., long. 82°08'59"W.; to lat. 33°12'01"N., long. 82°22'59"W.; to the point of beginning.
Altitudes. 500 feet AGL to and including 17,000 feet MSL; excluding the area described as beginning: at lat. 33°17'37"N., long. 82°24'25"W.; to lat. 33°15'54"N., long. 82°20'50"W.; thence clockwise via a 3-NM arc centered at lat. 33°13'21"N., long. 82°22'44"W.; to lat. 33°12'17"N., long. 82°19'23"W.; to lat. 33°12'01"N., long. 82°22'59"W.; to lat. 33°14'01"N., long. 82°29'59"W.; to the point of beginning, 1,500 feet AGL and below.
Times of use. Intermittent, 0800-1800 Monday-Friday, in conjunction with Restricted Area R-3004.
Controlling agency. FAA, Atlanta ARTCC.
Using agency. U.S. Air Force, 20th Fighter Wing, Shaw AFB, SC.
Operational terms and conditions:
1. Real-time scheduling/activation procedures will be utilized.
2. All aircraft utilizing MOA airspace must receive a clearance to enter and exit the area.
3. The integrity of present and future instrument approaches and departures to/from airports underlying/adjacent to the MOA will be maintained.

USING AGENCY CHANGED 02/02/95

Bulldog E MOA, GA
Boundaries. Beginning at lat. 32°37’51”N., long. 82°43’59”W.; to lat. 32°44’13”N., long. 82°46’19”W.; to lat. 32°43’21”N., long. 82°24’32”W.; to lat. 32°41’43”N., long. 82°13’32”W.; to lat. 32°40’12”N., long. 82°11’37”W.; to lat. 32°33’16”N., long. 82°10’03”W.; to lat. 32°34’31”N., long. 82°25’29”W.; to the point of beginning.
Altitudes. 5,000 feet MSL to, but not including, 10,000 feet MSL.
Times of use. Intermittent, 0700-2400 daily; other times by NOTAM.
Controlling agency. FAA, Atlanta ARTCC.
Using agency. U.S. Air Force, 20th Fighter Wing, Shaw AFB, SC.

ADDED 11/15/12

Bullseye 1 MOA, MS
Boundaries. Beginning at lat. 31°12’55”N., long. 89°11’03”W.; to lat. 31°20’31”N., long. 89°04’45”W.; to lat. 31°20’31”N., long. 88°54’30”W.; to lat. 31°04’01”N., long. 88°45’30”W.; to lat. 30°54’31”N., long. 89°08’00”W.; to lat. 31°00’01”N., long. 89°10’15”W.; to lat.

31°04’37”N., long. 89°11’03”W.; to lat. 31°04’37”N., long. 88°56’34”W.; to lat. 31°10’16”N., long. 88°56’34”W.; to lat. 31°11’49”N., long. 89°00’00”W.; to the point of beginning.
Altitudes. 10,000 feet MSL to but not including FL 180.
Times of use. 0830-1730 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Houston ARTCC.
Using agency. Mississippi ANG, Gulfport, MS

ADDED 11/15/12

Bullseye 2 MOA, MS
Boundaries. Beginning at lat. 31°14’01”N., long. 88°51’00”W.; to lat. 31°20’31”N., long. 88°47’00”W.; to lat. 31°17’01”N., long. 88°30’00”W.; to lat. 31°10’30”N., long. 88°30’00”W.; to lat. 31°04’01”N., long. 88°45’30”W.; to the point of beginning.
Altitudes. 5,000 feet MSL to but not including FL 180.
Times of use. 0830-1730 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Houston ARTCC.
Using agency. Mississippi ANG, Gulfport, MS.

ADDED 11/15/12

Bullseye 3 MOA, MS
Boundaries. Beginning at lat. 31°10’30”N., long. 88°30’00”W.; to lat. 31°03’01”N., long. 88°30’00”W.; to lat. 30°56’01”N., long. 88° 37’00”W.; to lat. 30°50”31”N., long. 88°55’00”W.; to lat. 30°54’31”N., long. 89°08’00”W.; to the point of beginning.
Altitudes. 11,000 feet MSL to but not including FL 180.
Times of use. 0830-1730 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Houston ARTCC.
Using agency. Mississippi ANG, Gulfport, MS.

ADDED 11/15/12

Camden Ridge MOA, AL
Boundaries. Beginning at lat. 32°15'21"N., long. 88°04'15"W.; to lat. 32°11'16"N., long. 87°02'45"W.; to lat. 31°55'16"N., long. 87°03'15"W.; to lat. 31°32'21"N., long. 87°44'30"W.; to lat. 31°31'31"N., long. 88°19'30"W.; to lat. 32°03'46"N., long. 88°20'20"W.; to lat. 32°03'46"N., long. 88°04'15"W.; to the point of beginning.
Altitudes. 500 feet AGL to but not including 10,000 feet MSL; excluding the following airspace:(1) lat. 32°01'01"N., long. 87°38'40"W.; to lat. 32°01'31"N., long. 87°03'03"W.; to lat. 31°55'16"N., long. 87°03'15"W.; to lat. 31°32'21"N., long. 87°44'30"W.; to lat. 31°32'14"N., long. 87°49'40"W.; to lat. 31°44'01"N., long. 87°49'40"W.; to lat. 31°44'01"N., long. 87°38'40"W.; to the point of beginning. (2) From surface to but not including 4,000 feet MSL.

Times of use. 0700-2300 daily.
Controlling agency. FAA, Atlanta ARTCC.
Using agency. Air National Guard, 187th Fighter Wing, Montgomery, AL.

TIMES OF USE CHANGE 01/08/15

Campbell 1 MOA, KY
Boundaries. Beginning at lat. 36°48'00"N., long. 87°58'00"W.; to lat. 36°49'30"N., long. 87°39'30"W.; to lat. 36°39'30"N., long. 87°28'33"W.; to lat. 36°37'12"N., long. 87°28'33"W.; to lat. 36°37'12"N., long. 87°29'50"W.; to lat. 36°34'00"N., long. 87°29'50"W.; to lat. 36°26'00"N., long. 87°29'00"W.; to lat. 36°23'00"N., long. 87°39'00"W.; to lat. 36°26'30"N., long. 87°40'00"W.; to lat. 36°31'30"N., long. 87°45'30"W.; to lat. 36°29'00"N., long. 87°50'00"W.; to the point of beginning.
Altitudes. 500 feet AGL to and including 10,000 feet MSL.
Times of use. Normally, 0700-2000, Monday-Sunday.
Controlling agency. U.S. Army, Fort Campbell Army Radar Approach Control (ARAC).
Using agency. U. S. Army, Fort Campbell, KY.

CONTROLLING AGENCY CHANGED 03/20/03

Campbell 2 MOA, KY
Boundaries. Beginning at lat. 36°48'00"N., long. 87°58'00"W.; to lat. 36°29'00"N., long. 87°50'00"W.; to lat. 36°31'30"N., long. 87°45'30"W.; to lat. 36°26'30"N., long. 87°40'00"W.; to lat. 36°23'00"N., long. 87°39'00"W.; to lat. 36°26'00"N., long. 87°29'00"W.; to lat. 36°19'00"N., long. 87°40'30"W.; to lat. 36°19'00"N., long. 87°52'00"W.; to lat. 36°28'30"N., long. 88°03'00"W.; to lat. 36°47'00"N., long. 88°04'30"W.; to the point of beginning.
Altitudes. 1,500 feet AGL to 10,000 feet MSL excluding the area below 2,500 feet AGL described as follows: Boundaries. Beginning at lat. 36°31'30"N., long. 87°45'30"W.; to lat. 36°26'30"N., long. 87°40'00"W.; to lat. 36°23'00"N., long. 87°39'00"W.; to lat. 36°23'35"N., long. 87°37'02"W.; to lat. 36°22'15"N., long. 87°38'30"W.; to lat. 36°29'00"N., long. 87°50'00"W.; thence to the point of beginning.
Times of use. Normally, 0700-2000 Monday-Sunday.
Controlling agency. U.S. Army, Fort Campbell Army Radar Approach Control (ARAC).
Using agency. U. S. Army, Fort Campbell, KY.

CONTROLLING AGENCY CHANGED 03/20/03

Cannon A MOA, MO
Boundaries. Beginning at lat. 37°33’18”N., long. 92°08’56”W.; to lat. 37°27’20”N., long. 92°12’09”W.; to lat. 37°20’34”N., long. 92°25’04”W.; to lat. 37°23’00”N., long. 92°31’00”W.; to lat. 37°37’30”N., long. 92°31’00”W.; to lat. 37°40’30”N., long. 92°19’00”W.; to lat. 37°36’00”N., long. 92°19’30”W.; to lat. 37°36’15”N., long. 92°10’37”W.; to the point of beginning.
Altitudes. 300 feet AGL up to, but not including FL 180.

Times of use. 0900-1600 local time, Tuesday-Saturday; other times by NOTAM.
Controlling agency. FAA, Kansas City ARTCC.
Using agency. U.S. Air Force, 131 Tactical Fighter Wing/Detachment 1.

REVISED 10/03/02

Cannon B MOA, MO
Boundaries. Beginning at lat. 37°41'30"N., long. 92°15'01"W.; to lat. 37°36'15"N., long. 92°15'22"W.; to lat. 37°36'00"N., long. 92°19'31"W.; to lat. 37°40'30"N., long. 92°19'01"W.; to the point of beginning.
Altitudes. 100 feet AGL to but not including FL 180.
Times of use. 0900-1600 Tuesday-Saturday; other times by NOTAM.
Controlling agency. FAA, Kansas City ARTCC.
Using agency. U.S. Air Force, 131 Tactical Fighter Wing/Detachment 1.

ALTITUDES CHANGED 11/09/95

Carson MOA, NV
Boundaries. Beginning at lat. 40°06'00"N., long. 117°57'33"W.; to lat. 40°06'00"N., long. 118°15'04"W.; to lat. 39°57'00"N., long. 118°38'04"W.; to lat. 39°51'00"N., long. 118°38'04"W.; to lat. 40°01'00"N., long. 118°15'04"W.; thence to the point of beginning.
Altitudes. 500 feet AGL to but not including FL180.
Times of use. 0715-2330 daily; other times by NOTAM.
Controlling agency. FAA, Oakland ARTCC.
Using Agency. U.S. Navy, Commander, Naval Strike and Air Warfare Center, NAS, Fallon, NV.

USING AGENCY CHANGED 09/11/97

Carthage East MOA, NY
Boundaries. Beginning at lat. 44°01'05"N., long. 75°37'14"W.; to lat. 44°06'00"N., long. 75°28'49"W.; to lat. 44°06'00"N., long. 75°03'00"W.; to lat. 43°53'00"N., long. 75°03'00"W.; to lat. 43°53'00"N., long. 75°35'00"W.; to the point of beginning.
Altitudes. 100 feet AGL to but not including FL 180.
Times of use. May 1-August 31: 0800-1700 Monday-Friday; other times by NOTAM.
September 1-April 30: 0800-2200 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Boston ARTCC.
Using agency. NY ANG, 174FW/Det 1, Fort Drum, NY.

ADDED 11/20/08

Carthage West MOA, NY
Boundaries. Beginning at lat. 43°44'00"N., long. 75°52'00"W.; to lat. 44°11'50"N., long. 75°43'53"W.; to lat. 44°09'34"N., long. 75°40'00"W.; to lat. 44°06'55"N., long. 75°42'09"W. to lat. 44°03'20"N., long. 75°40'49"W.; to lat. 44°01'05"N., long. 75°37'14"W.; to lat. 43°53'00"N., long. 75°35'00"W.; to the point of beginning.
Altitudes. 6,000 feet MSL to but not including FL 180.
Times of use. May 1-August 31: 0800-1700 Monday-Friday; other times by NOTAM.
September 1-April 30: 0800-2200 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Boston ARTCC.
Using agency. NY ANG, 174FW/Det 1, Fort Drum, NY.

ADDED 11/20/08

Cato MOA, NM
Boundaries. Beginning at lat. 34°19'30"N., long. 108°48'00"W.; to lat. 34°17'00"N., long. 107°11'00"W.; to lat. 34°09'30"N., long. 107°11'00"W.; to lat. 33°27'58"N., long. 108°04'32"W.; to lat. 33°54'00"N., long. 108°48'00"W.; to the point of beginning.
Altitudes. 13,500 feet MSL to but not including FL 180.
Times of use. 0800-2200, Monday-Saturday, other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using Agency. Air National Guard, 150th Special Operations Wing, Kirtland Air Force Base, NM.

USING AGENCY CHANGED 10/15/15

China MOA, CA
Boundaries. Beginning at lat. 39°33'53"N, long.121°25'20"W; to lat. 40°06'56"N, long.121°32'30"W; to lat. 40°07'22"N, long.121°09'53"W; to lat. 39°51'12"N, long.120°54'20"W; thence counterclockwise on the Squaw Valley VORTAC 50 NM arc to lat. 39°38'35"N, long.121°09'51"W; to the point of beginning.
Altitude. 3,000 AGL to but not including FL 180.
Times of use. 0800-sunset, daily.
Controlling agency. FAA, Oakland ARTCC.
Using agency. USAF, 9th Operations Group (9th OSS/OSAA) Beale AFB, CA.

ALTITUDE AND USING AGENCY CHANGED 06/15/00

Chinook A MOA, WA
Boundaries. A north/south corridor 2 miles wide, 1 mile either side of a line beginning at the Hood Canal Bridge, Port Gamble, WA, (lat. 47°52'14"N., long. 122°38'05"W.), extending on a bearing of 000°T to Restricted Area R-6701.
Altitudes. 300 feet MSL to 5,000 feet MSL.

Times of use. Intermittent, by NOTAM sunrise to sunset, 2 hours in advance.
Controlling agency. U.S. Navy, Whidbey Island Naval Air Station Approach Control.
Using agency. U.S. Navy, Commanding Officer, NAS Whidbey Island, Oak Harbor, WA.

TIMES OF USE CHANGED 10/30/03

Chinook B MOA, WA
Boundaries. An east/west corridor 2 NM wide, 1 NM either side of the line beginning at lat. 48°13'59"N., long. 123°04'35"W., extending on a bearing of 110°T until reaching R-6701.
Altitudes. 300 feet MSL to 5,000 feet MSL.
Times of use. Intermittent, by NOTAM sunrise to sunset, 2 hours in advance.
Controlling agency. U.S. Navy, Whidbey Island Naval Air Station Approach Control.
Using agency. U.S. Navy, Commanding Officer, NAS Whidbey Island, Oak Harbor, WA.

TIMES OF USE CHANGED 10/30/03

Churchill High MOA, NV
Boundaries. Beginning at lat. 39°23'43"N., long. 119°02'00"W.; to lat. 39°13'15"N., long. 119°02'00"W.; to lat. 39°14'06"N., long. 118°52'56"W.; to lat. 39°18'17"N., long.118°49'57"W.; thence clockwise via a 3NM arc centered at lat. 39°20'40"N., long. 118°52'19"W.; to lat. 39°23'37"N., long. 118°52'59"W.; to the point of beginning excluding that airspace within R-4803.
Altitudes. 9000 feet MSL to but not including FL 180.
Times of use. 0715 to 2245 Monday through Friday and 0800 to 1800 Saturday; other times by NOTAM.
Controlling agency. FAA, Oakland ARTCC.
Using agency. USN, Naval Strike and Air Warfare Center, Fallon, NV.

TIMES OF USE CHANGED 12/17/09

Churchill Low MOA, NV
Boundaries. Beginning at lat. 39°23'43"N., long. 119°02'00"W.; to lat. 39°13'15"N., long. 119°02'00"W.; to lat. 39°14'25"N., long. 118°49'25"W.; to lat. 39°20'13"N., long.118°48'30"W.; thence clockwise via a 3NM arc centered at lat. 39°20'40"N., long. 118°52'19"W.; to lat. 39°23'37"N., long. 118°52'59"W.; to the point of beginning excluding that airspace within R-4803.
Altitudes. 500 feet AGL to 9,000 feet MSL.
Times of use. 0715 to 2245 Monday through Friday and 0800 to 1800 Saturday; other times by NOTAM.
Controlling agency. FAA, Oakland ARTCC.
Using agency. USN, Naval Strike and Air Warfare Center, Fallon, NV.

TIMES OF USE CHANGED 12/17/09

Claiborne A MOA, LA
Boundaries. Beginning at lat. 31°18'01"N., long. 92°46'31"W.; to lat. 31°13'56"N., long. 92°49'46"W.; to lat. 31°23'41"N., long. 93°05'46"W.; to lat. 31°27'31"N., long. 93°03'01"W.; to the point of beginning.
Altitudes. 100 feet AGL to but not including 10,000 feet MSL.
Times of use. 0730-2200 local time, Monday-Friday; other times by NOTAM.
Controlling agency. U.S. Army, Fort Polk Approach Control.
Using Agency. U.S. Air Force, 307th Bomb Wing, Barksdale Air Force Base, LA.

USING AGENCY CHANGE 04/30/15

Claiborne B MOA, LA
Boundaries. Beginning at lat. 31°18'01"N., long. 92°46'31"W.; to lat. 31°13'56"N., long. 92°49'46"W.; to lat. 31°23'41"N., long. 93°05'46"W.; to lat. 31°27'31"N., long. 93°03'01"W.; to the point of beginning.
Altitudes. 10,000 feet MSL to but not including FL 180.
Times of use. 0730-2200 local time, Monday-Friday; other times by NOTAM.
Controlling agency. U.S. Army, Fort Polk Approach Control.
Using Agency. U.S. Air Force, 307th Bomb Wing, Barksdale Air Force Base, LA.

USING AGENCY CHANGE 04/30/15

Coastal 1 East MOA, GA
Boundaries. Beginning at lat. 31°51'01"N., long. 81°20'59"W.; to lat. 31°41'01"N., long. 81°23'30"W.; to lat. 31°37'31"N., long. 81°28'14"W.; to lat. 31°32'31"N., long. 81°27'29"W.; to lat. 31°26'16"N., long. 81°31'29"W.; to lat. 31°25'31"N,. long. 81°35'59"W.; thence northwest along the Altamaha River to lat. 31°47'59"N., long. 81°59'59"W.; to lat. 31°51'01"N., long. 81°59'59"W.; to the point of beginning. Excluding R-3007 and the Wright Army Airfield (LHW) Class D airspace when activated.
Altitudes. 300 feet AGL to but not including FL 180.
Times of use. Intermittent 0700-2200 Monday-Friday; Intermittent 0700-2200 by NOTAM Saturday and Sunday. (NOTE: not to exceed 665 hours per year).
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. USMC, Marine Corps Air Station Beaufort, SC.

USING AGENCY CHANGED 08/17/17

Coastal 1 West MOA, GA
Boundaries. Beginning at lat. 31°25'31"N., long. 81°35'59"W.; thence northwest along the Altamaha River to lat. 31°47'59"N., long. 81°59'59"W.; to lat. 31°24'01"N., long. 81°59'59"W.; to lat. 31°19'59"N., long. 81°53'16"W.; to lat. 31°19'59"N., long. 81°46'44"W.; to lat. 31°25'31"N., long. 81°35'59"W.; to the point of beginning. Excluding the airspace 1,500 feet AGL and below within a 3 NM radius of Jesup-Wayne County Airport (JES).

Altitudes. 300 feet AGL to but not including FL 180.
Times of use. Intermittent 0700-2200 Monday-Friday; Intermittent 0700-2200 by NOTAM Saturday and Sunday. (NOTE: not to exceed 665 hours per year).
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. USMC, Marine Corps Air Station Beaufort, SC.

USING AGENCY CHANGED 08/17/17

Coastal 2 MOA, GA
Boundaries. Beginning at lat. 31°41'01"N., long. 81°23'30"W.; to lat. 31°28'00"N., long. 81°26'00"W.; to lat. 31°26'16"N., long. 81°31'29"W.; to lat. 31°32'31"N., long. 81°27'29"W.; to lat. 31°37'31"N., long. 81°28'14"W.; to the point of beginning.
Altitudes. 300 feet AGL to but not including FL 180.
Times of use. Intermittent 0700-2200 Monday-Friday; Intermittent 0700-2200 by NOTAM Saturday and Sunday. (NOTE: not to exceed 665 hours per year).
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. USMC, Marine Corps Air Station Beaufort, SC.

USING AGENCY CHANGED 08/17/17

Coastal 4 MOA, GA
Boundaries. Beginning at lat. 31°28'00"N., long. 81°26'00"W.; to lat. 31°26'16"N., long. 81°31'29"W,; to lat. 31°25'31"N., long. 81°35'59"W.; to lat. 31°19'59"N., long. 81°46'44"W.; to lat. 31°19'59"N., long. 81°53'16"W.; to lat. 31°24'01"N., long. 81°59'59"W.; to lat. 31°03'01"N., long. 81°48'59"W.; to lat. 31°03'01"N., long. 81°30'59"W.; to the point of beginning.
Altitudes. 14,000 feet MSL to but not including FL 180.
Times of use. Intermittent 0700-2200 Monday-Friday; Intermittent 0700-2200 by NOTAM Saturday and Sunday. (NOTE: not to exceed 316 hours per year).
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. USMC, Marine Corps Air Station Beaufort, SC.

USING AGENCY CHANGED 08/17/17

Coastal 5 MOA, GA
Boundaries. Beginning at lat. 32°05'01"N., long. 81°56'59"W.; to lat. 31°51'01"N., long. 81°59'59"W.;to lat. 31°24'01"N., long. 81°59'59"W.; to lat. 31°45'01"N., long. 82°12'59"W.; to the point of beginning.
Altitudes. 300 feet AGL to but not including FL 180.
Times of use. Intermittent 0700-2200 Monday-Friday; Intermittent 0700-2200 by NOTAM Saturday and Sunday. (NOTE: not to exceed 140 hours per year).

Controlling agency. FAA, Jacksonville ARTCC.
Using agency. USMC, Marine Corps Air Station Beaufort, SC.

USING AGENCY CHANGED 08/17/17

Coastal 6 MOA, GA
Boundaries. Beginning at lat. 31°51'31"N., long. 81°41'44"W.; to lat. 31°51'01"N., long. 81°41'44"W.; to lat. 31°51'01"N., long. 81°59'59"W.; to lat. 32°05'01"N., long. 81°56'59"W.; to lat. 32°11'01"N., long. 81°45'59"W.; to lat. 32°10'01"N., long. 81°38'59"W.; to lat. 32°08'31"N., long. 81°36'59"W.; to lat. 32°06'31"N., long. 81°36'59"W.; to lat. 32°06'31"N., long. 81°38'59"W.; to lat. 32°07'01"N., long. 81°43'29"W.; to lat. 32°07'29"N., long. 81°47'16"W.; to lat. 32°05'25"N., long. 81°50'02"W.; to lat. 32°03'00"N., long. 81°51'25"W.; to lat. 32°02'22"N., long. 81°50'41"W.; to lat. 31°59'46"N., long. 81°51'05"W.; to lat. 31°57'01"N., long. 81°53'14"W.; to lat. 31°55'31"N., long. 81°52'59"W.; to lat. 31°55'01"N., long. 81°52'59"W. to the point of beginning.
Altitudes. 10,001 feet MSL to but not including FL 180.
Times of use. Intermittent 0700-2200 Monday-Friday; Intermittent 0700-2200 by NOTAM Saturday and Sunday. (NOTE: not to exceed 60 hours per year).
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. USMC, Marine Corps Air Station Beaufort, SC.

USING AGENCY CHANGED 08/17/17

Coastal 7 MOA, GA
Boundaries. Beginning at lat. 31°54'04"N., long. 81°28'44"W.; to lat. 31°56'16"N., long. 81°22'59"W.; to lat. 31°58'46"N., long. 81°19'44"W.; to lat. 31°51'01"N., long. 81°20'59"W.; to lat. 31°51'01"N., long. 81°41'44"W.; to lat. 31°51'31"N., long. 81°41'44"W.; to lat. 31°52'21"N., long. 81°38'09"W.; to lat. 31°53'12"N., long. 81°37'50"W.; thence northeast along state highway 144 to lat. 31°56'49"N., long. 81°30'41"W.; thence clockwise along an arc of a 5 mile radius circle centered at: lat. 31°53'21"N., long. 81°33'44"W.; to the point of beginning.
Altitudes. 10,001 feet MSL to but not including FL 180.
Times of use. Intermittent 0700-2200 Monday-Friday; Intermittent 0700-2200 by NOTAM Saturday and Sunday. (NOTE: not to exceed 60 hours per year).
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. USMC, Marine Corps Air Station Beaufort, SC.

USING AGENCY CHANGED 08/17/17

Coastal 8 MOA, GA
Boundaries. Beginning at lat. 32°05'01"N., long. 81°56'59"W.; to lat. 31°45'01"N., long. 82°12'59"W.;to lat. 32°04'01"N., long. 82°24'19"W.; to lat. 32°13'01"N., long. 82°16'29"W.; to lat. 32°11'01"N., long. 81°45'59"W.; to the point of beginning.

Altitudes. 11,000 feet MSL to but not including FL 180.
Times of use. Intermittent 0700-2200 Monday-Friday; Intermittent 0700-2200 by NOTAM Saturday and Sunday. (NOTE: not to exceed 60 hours per year).
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. USMC, Marine Corps Air Station Beaufort, SC.

USING AGENCY CHANGED 08/17/17

Columbus 1 MOA, MS
Boundaries. Beginning at lat. 34°23'00"N., long. 88°45'00"W.; to lat. 34°07'00"N., long. 88°04'00"W.; to lat. 33°54'30"N., long. 87°36'45"W.; to lat. 33°39'45"N., long. 87°42'00"W.; to lat. 33°33'45"N., long. 88°31'00"W.; to lat. 33°33'30"N., long. 89°17'30"W.; to lat. 33°55'30"N., long. 89°13'00"W.; to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.
Times of use. Sunrise-sunset, normally Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Memphis ARTCC.
Using agency. 14th Flying Training Wing, Columbus AFB, MS.

Columbus 2 MOA, MS
Boundaries. Beginning at lat. 34°39'00"N., long. 88°07'00"W.; to lat. 34°38'00"N., long. 87°35'00"W.; to lat. 34°10'00"N., long. 87°34'30"W.; to lat. 34°11'30"N., long. 87°48'30"W.; to lat. 34°22'30"N., long. 88°07'00"W.; to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.
Times of use. Sunrise-sunset, normally Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Memphis ARTCC.
Using agency. 14th Flying Training Wing, Columbus AFB, MS.

Columbus 3 MOA, MS
Boundaries. Beginning at lat. 34°35'00"N., long. 89°34'00"W.; to lat. 34°35'00"N., long. 89°19'30"W.; to lat. 34°23'00"N., long. 88°45'00"W.; to lat. 33°55'30"N., long. 89°13'00"W.; to lat. 33°33'30"N., long. 89°17'30"W.; to lat. 33°32'45"N., long. 90°09'00"W.; to lat. 34°10'00"N., long. 90°00'00"W.; to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.
Times of use. Sunrise-sunset, normally Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Memphis ARTCC.
Using agency. 14th Flying Training Wing, Columbus AFB, MS.

Columbus 4 MOA, MS
Boundaries. Beginning at lat. 35°13'30"N., long. 88°50'15"W.; to lat. 35°24'30"N., long. 88°11'00"W.; to lat. 35°24'30"N., long. 87°52'00"W.; to lat. 34°49'30"N., long. 87°47'30"W.; to lat. 34°55'15"N., long. 88°47'00"W.; to the point of beginning.
Altitudes. 10,000 feet MSL to but not including FL 180.

Times of use. Sunrise-sunset, normally Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Memphis ARTCC.
Using agency. 14th Flying Training Wing, Columbus AFB, MS.

Condor 1 MOA, ME
Boundaries. Beginning at lat. 44°20'00"N., long. 70°51'58"W.; to lat. 44°54'00"N., long. 71°00'58"W.; to lat. 45°15'00"N., long. 71°12'28"W.; thence along the United States/Canadian border to lat. 45°19'03"N., long. 70°48'28"W.; to lat. 45°24'00"N., long. 69°47'58"W.; to lat. 44°32'50"N., long. 70°12'58"W.; to lat. 44°20'00"N., long. 70°21'58"W.; to the point of beginning.
Altitudes. 7,000 feet MSL to but not including FL 180.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Boston ARTCC.
Using agency. 24th Air Division/DOTS, Griffiss AFB, NY.

TIMES OF USE CHANGED 01/15/09

Condor 2 MOA, ME
Boundaries. Beginning at lat. 44°32'50"N., long. 70°12'58"W.; to lat. 45°24'00"N., long. 69°47'58"W.; to lat. 45°25'00"N., long. 69°29'58"W.; to lat. 45°05'30"N., long. 69°29'58"W.; to the point of beginning.
Altitudes. 7,000 feet MSL to but not including FL 180.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Boston ARTCC.
Using agency. 24th Air Division/DOTS, Griffiss AFB, NY.

TIMES OF USE CHANGED 01/15/09

Core MOA, NC
Boundaries. Beginning at lat. 35°04’31”N., long. 76°04’29”W.; to lat. 35°00’31”N., long. 76°00’59”W.; thence southwest 3 NM from and parallel to the shoreline, to lat. 34°40’41”N., long. 76°25’08”W.; to lat. 34°46’01’N., long. 76°29’59”W.; to lat. 34°46’46”W., long. 76°24’44”W.; to the point of beginning.
Altitudes. 3,000 feet MSL up to but not including FL 180.
Time of use. Intermittent, 0700-2300 local, Monday-Friday; other times by NOTAM.
Controlling agency. USMC, Cherry Point Approach Control.
Using agency. Commanding Officer, MCAS Cherry Point, NC.

ADDED 03/12/09

Corsair North MOA, GA
Boundaries. Beginning at lat. 31°30’01”N., long. 84°06’00”W.; to lat. 31°20’00”N., long. 83°33’50”W.; to lat. 31°00’00”N., long. 83°28’01”W.; to lat. 31°00’00”N., long. 83°52’59”W.;

to lat. 31°18’01”N., long. 84°01’10”W.; to lat. 31°22’46”N., long. 84°02’00”W.; to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.
Times of use. 0700-0200 Monday-Friday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, 23rd Wing, Moody AFB, GA.

ADDED 08/17/17

Corsair South MOA, GA
Boundaries. Beginning at lat. 31°00’00”N., long. 83°52’59”W.; to lat. 31°00’00”N,, long. 83°28’01”W.; to lat. 30°37’00”N., long. 83°21’20”W.; to lat. 30°38’01”N., long. 83°43’00”W.; to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.
Times of use. 0700-0200 Monday-Friday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, 23rd Wing, Moody AFB, GA.

ADDED 08/17/17

Cougar High MOA, CO
Boundaries. Beginning at lat. 38°53’30”N., long. 103°00’00”W.; to lat. 39°07’19”N., long. 102°14’43”W.; to lat. 39°01’40”N., long. 101°00’00”W.; to lat. 38°38’10”N., long. 101°00’00”W.; to lat. 38°23’30”N., long. 102°12’04”W.; to lat. 38°23’30”N., long. 102°44’34”W.; to lat. 38°34’41”N., long. 103°00’00”W.; to the point of beginning.
Altitudes. 11,000 feet MSL up to but not including FL180.
Times of use. 0700L – 2200L Tuesday – Friday, other times by NOTAM except between 2200L – 0700L.
Controlling agency. FAA, Denver ARTCC.
Using agency. USAF, Air National Guard, 140th Wing, Buckley AFB, CO.

ADDED 07/23/15

Cougar Low MOA, CO
Boundaries. Beginning at lat. 38°53’30”N., long. 103°00’00”W.; to lat. 39°07’19”N., long. 102°14’43”W.; to lat. 39°01’40”N., long. 101°00’00”W.; to lat. 38°38’10”N., long. 101°00’00”W.; to lat. 38°23’30”N., long. 102°12’04”W.; to lat. 38°23’30”N., long. 102°44’34”W.; to lat. 38°34’41”N., long. 103°00’00”W.; to the point of beginning, excluding that airspace 1,500 feet AGL and below within 3NM of the following airports:
Windy Plains – K5CO (lat. 38°49’47”N., long. 102°17’56”W.); Eads – K9V7 (lat.38°28’31”N., long. 102°48’39”W.); and Tribune – K5K2 (lat. 38° 27’05”N., long 101°45’00”W.). Also excluding that airspace 5,000 feet AGL and below within 5NM of the Sand Creek Massacre National Historic Site (lat. 38°32’58”N., long. 102°30’41”W.)
Altitudes. 500 feet AGL up to but not including 11,000 feet MSL.

Times of use. 0700L – 2200L Tuesday – Friday, other times by NOTAM except between 2200L – 0700L.
Controlling agency. FAA, Denver ARTCC.
Using agency. USAF, Air National Guard, 140th Wing, Buckley AFB, CO.

ADDED 07/23/15

Cranberry MOA, NY
Boundaries. Beginning at lat. 44°35'30"N., long. 75°03'00"W.; to lat. 44°36'00"N., long. 75°00'00"W.; to lat. 44°36'00"N., long. 74°35'00"W.; to lat. 44°15'00"N., long. 74°35'00"W.; to lat. 43°53'00"N., long. 75°03'00"W.; to the point of beginning.
Altitudes. 500 feet AGL to but not including 6,000 MSL.
Times of use. November 1-April 30: 0800-2200 Monday-Friday; other times by NOTAM.
May 1-October 31: Closed.
Controlling agency. FAA, Boston ARTCC.
Using agency. NY ANG, 174FW/Det 1, Fort Drum, NY.

ADDED 11/20/08

Crypt Central MOA, IA
Boundaries. Beginning at lat. 42°46'00"N., long. 95°54'12"W.; to lat. 42°46'00"N., long. 94°22'01"W.; to lat. 42°25'27"N., long. 94°26'37"W.; to lat. 42°20'48"N., long. 95°49'19"W.; to the point of beginning.
Altitudes. 8,000 feet MSL to, but not including, FL 180.
Times of use. 0930-1100 and 1400-1530, Tuesday-Saturday; other times by NOTAM.
Controlling agency. FAA, Minneapolis ARTCC.
Using agency. Iowa Air National Guard, 133rd Air Control Squadron (ACS), Fort Dodge, IA.

ADDED 09/11/97

Crypt North MOA, IA
Boundaries. Beginning at lat. 43°20'00"N., long. 95°37'01"W.; to lat. 43°05'30"N., long. 94°17'26"W.; to lat. 42°46'00"N., long. 94°22'01"W.; to lat. 42°46'00"N., long. 95°54'12"W.; to lat. 42°50'00"N., long. 95°55'01"W.; to the point of beginning.
Altitudes. 8,000 feet MSL to, but not including, FL 180.
Times of use. 0930-1100 and 1400-1530, Tuesday-Saturday; other times by NOTAM.
Controlling agency. FAA, Minneapolis ARTCC.
Using agency. Iowa Air National Guard, 133rd Air Control Squadron (ACS), Fort Dodge, IA.

ADDED 09/11/97

Crypt South MOA, IA
Boundaries. Beginning at lat. 42°20'48"N., long. 95°49'19"W.; to lat. 42°25'27"N., long. 94°26'37"W.; to lat. 41°56'47"N., long. 94°33'23"W.; to lat. 42°03'39"N., long. 95°46'03"W.; to the point of beginning.
Altitudes. 8,000 feet MSL to, but not including, FL 180.
Times of use. 0930-1100 and 1400-1530, Tuesday-Saturday; other times by NOTAM.
Controlling agency. FAA, Minneapolis ARTCC.
Using agency. Iowa Air National Guard, 133rd Air Control Squadron (ACS), Fort Dodge, IA.

ADDED 09/11/97

Crystal MOA, TX
Boundaries. The area between the 30 NM radius arc and the 70 NM radius arc of the Laredo, TX, VORTAC (lat. 27°28'44"N., long. 99°25'04"W.), extending clockwise from the 310°(M) radial to the 350°(M) radial of the Laredo VORTAC excluding Restricted Area R-6316.
Altitudes. 6,000 feet MSL to but not including FL 180.
Times of use. 0700-1800 local time daily; other times by NOTAM.
Controlling agency. FAA, Houston ARTCC.
Using agency. San Antonio Air Logistics Center, Kelly AFB, TX.

TIMES OF USE CHANGED 07/25/91

Crystal North MOA, TX
Boundaries. Beginning at Laredo (LRD) 359/070 NM lat. 28°38’54”N., long. 99°26’27”W.; thence counterclockwise via the 70 NM arc of the LRD VORTAC to the US/Mexico border lat. 28°20’24”N.; long. 100°18’32”W. (excluding Restricted Area R-6316); thence north via the US/Mexico border to the 60 NM arc of the Laughlin (DLF) VORTAC lat. 28°25’59”N.; long. 100°20’21”W.; thence counterclockwise via the 60 NM arc of DLF VORTAC to the DLF 117/60 NM lat. 28°54’07”N.; long. 99°45’24”W.; thence via the 117 radial of the DLF VORTAC to intersect the LRD 359° radial lat. 28°45’28”N.; long. 99°26’35”W.; to the point of beginning.
Altitudes. 6,000 feet MSL up to, but not including FL 180.
Times of use. 0800-0930 and 1300-1430 Tuesday-Friday; other times by NOTAM (up to 6 Mondays annually).
Controlling Agency. FAA, Houston ARTCC.
Using Agency. 149th Fighter Wing, Texas Air National Guard, Kelly AFB.

ADDED 02/21/02

De Soto 1 MOA, MS
Boundaries. Beginning at lat. 31°12’55”N., long. 89°11’03”W.; to lat. 31°20’31”N., long. 89°04’45”W.; to lat. 31°20’31”N., long. 88°54’30”W.; to lat. 31°04’01”N., long. 88°45’30”W.; to lat. 30°54’31”N., long. 89°08’00”W.; to lat. 31°00’01”N., long. 89°10’15”W.; to lat.

31°04’37”N., long. 89°11’03”W.; to lat. 31°04’37”N., long. 88°56’34”W.; to lat. 31°10’16”N., long. 88°56’34”W.; to lat. 31°11’49”N., long. 89°00’00”W.; to the point of beginning; excluding the airspace below 3,000 feet AGL within the area bounded by: lat. 31°20’31”N., long. 89°02’30”W.; to lat. 31°20’31”N., long. 88°54’30”W. to lat. 31°14’01”N., long. 88°51’00”W. to the point of beginning.
Altitudes. 500 feet AGL to but not including 10,000 feet MSL.
Times of use. 0830-1730 Monday-Friday, other times by NOTAM.
Controlling agency. FAA, Houston ARTCC.
Using agency. Mississippi ANG, Gulfport, MS.

BOUNDARIES, ALTITUDES AND USING AGENCY CHANGED 08/25/11

De Soto 2 MOA, MS
Boundaries. Beginning at lat. 30°54'31"N., long. 89°08'00"W.; to lat. 31°04'01"N., long. 88°45'30"W.; to lat. 31°14'01"N., long. 88°51'00"W.; to lat. 31°20'31"N., long. 88°47'00"W.; to lat. 31°17'01"N., long. 88°30'00"W.; to lat. 31°03'01"N., long. 88°30'00"W.; to lat. 30°56'01"N., long. 88°37'00"W.; to lat. 30°50'31"N., long. 88°55'00"W.; thence to point of beginning.
Altitudes. 100 feet AGL to and including 5,000 feet MSL.
Times of use. Times of use. 0830-1730 Monday-Friday; other times by NOTAM."
Controlling agency. FAA, Houston ARTCC.
Using agency. Mississippi ANG, Gulfport, MS.

USING AGENCY CHANGED 08/25/11

Deepwoods MOA, ME
Boundaries. Beginning at lat. 44°50'00"N., long. 68°27'58"W.; to lat. 44°59'30"N., long. 68°19'58"W.; to lat. 45°07'00"N., long. 68°00'58"W.; to lat. 44°52'00"N., long. 67°57'58"W.; thence to the point of beginning.
Altitudes. Surface to 3,000 feet MSL.
Times of use. 0700-2000 Monday-Friday; other times by NOTAM. Contact Bangor Flight Service Station.
Controlling agency. Bangor Approach Control.
Using agency. Commander, Army Aviation Support Facility, Maine Army National Guard Bangor, ME.

BOUNDARIES CHANGED 05/05/88

DELTA 1 MOA, AK
Boundaries. Beginning at lat. 64°47'00"N. long. 147°09'00"W.; to lat. 64°38'30"N. long. 147°11'00"W.; to lat. 64°34'34"N. long. 146°59'00"W.; to lat. 64°33'23"N. long. 146°48'09"W.; to lat. 64°33'23"N. long. 146°46'09"W.; to lat. 64°33'23"N. long. 146°18'39"W.; to lat. 64°31'17"N. long. 146°09'31"W.; to lat. 64°17'43"N. long. 147°03'29"W.; to lat. 64°19'58"N. long. 147°19'09"W.; to lat. 64°29'58"N. long. 147°44'09"W. to the point of beginning.

Altitudes. 10,000 feet MSL to but not including FL 180.
Times of Use. Weekdays Between 0700-0000 local 3- 5 hours per day with a maximum of two 2.5 hour periods per exercise day, and a minimum of 3 hours between periods of use. Major Flying Exercise use only. Contact SUAIS, the nearest FSS, or Anchorage ARTCC for actual activation times.
Controlling Agency. FAA, Anchorage ARTCC.
Using Agency. USAF, 354 Fighter Wing, Eielson AFB, AK.
NOTE: SUAIS including VHF transmitter/receiver, recording, and telephone capability must be operational during activation. Any operation during reduced capability requires the issuance of a NOTAM.

TIMES OF USE AND NOTE CHANGED 11/08/18

DELTA 2 MOA, AK
Boundaries. Beginning at lat. 64°31'17”N. long. 146°09'31”W.; to lat. 64°24'55”N. long. 145°42'07”W.; to lat. 64°12'51”N. long. 146°03'31”W.; to lat. 64°05'30”N. long. 146°16'31”W.; to lat. 64°14'44”N. long. 146°43'23”W.; to lat. 64°17'43”N. long. 147°03'29”W. to the point of beginning.
Altitudes. 5,000 feet MSL to but not including FL 180.
Times of Use. Weekdays Between 0700-0000 local 3-5 hours per day with a maximum of two 2.5 hour periods per exercise day, and a minimum of 3 hours between periods of use. Major Flying Exercise use only. Contact SUAIS, the nearest FSS, or Anchorage ARTCC for actual activation times.
Controlling Agency. FAA, Anchorage ARTCC.
Using Agency. USAF, 354 Fighter Wing, Eielson AFB, AK.
NOTE: SUAIS including VHF transmitter/receiver, recording, and telephone capability must be operational during activation. Any operation during reduced capability requires the issuance of a NOTAM.

TIMES OF USE AND NOTE CHANGED 11/08/18

DELTA 3 MOA, AK
Boundaries. Beginning at lat. 64°24'55"N. long. 145°42'07"W.; to lat. 64°12'28"N. long. 144°50'13"W.; to lat. 64°04'12"N. long. 145°05'16"W.; to lat. 63°56'00"N. long. 145°30'28"W.; thence clockwise via a 7 NM arc from the Big Delta VORTAC, AK; to lat. 63°54'06"N. long. 145°50'27"W.; to lat. 63°56'16"N. long. 145°49'38"W.; to lat. 64°03'34" N. long. 146°10'58"W.; to lat. 64°05'30"N. long. 146°16'31"W. to the point of beginning. Excluding that portion wholly contained in R-2201A, R-2201B, R-2201C, and R-2201D when active.
Altitudes. 3,000 feet AGL to but not including FL 180.
Times of Use. Weekdays Between 0700-0000 local 3-5 hours per day with a maximum of two 2.5 hour periods per exercise day, and a minimum of 3 hours between periods of use. Major Flying Exercise use only. Contact SUAIS, the nearest FSS, or Anchorage ARTCC for actual activation times.
Controlling Agency. FAA, Anchorage ARTCC.

Using Agency. USAF, 354 Fighter Wing, Eielson AFB, AK.
NOTE: SUAIS including VHF transmitter/receiver, recording, and telephone capability must be operational during activation. Any operation during reduced capability requires the issuance of a NOTAM.

TIMES OF USE AND NOTE CHANGED 11/08/18
BOUNDARIES CHANGED 10/10/19

DELTA 4 MOA, AK
Boundaries. Beginning at lat. 64°12'28"N. long. 144°50'13"W.; to lat. 63°59'59"N. long. 144°00'08"W.; to lat. 63°59'59"N. long. 143°00'00"W.; to lat. 63°37'00"N. long. 144°13'00"W.; to lat. 63°37'00"N. long. 145°33'00"W.; to lat. 63°30'00"N. long. 145°54'00"W.; to lat. 63°42'59"N. long. 145°54'09"W.; to lat. 63°50'29"N. long. 145°50'08"W.; to lat. 63°54'06"N.long. 145°50'27"W.; thence counter-clockwise via a 7 NM arc from the Big Delta VORTAC, AK; to lat. 63°56'00"N. long. 145°30'28"W.; to lat. 64°04'12"N. long. 145°05'16"W. to the point of beginning. Excluding that portion wholly contained in R-2201D when active.
Altitudes. 7,000 feet MSL to but not including FL 180.
Times of Use. Weekdays Between 0700-0000 local 3- 5 hours per day with a maximum of two 2.5 hour periods per exercise day, and a minimum of 3 hours between periods of use. Major Flying Exercise use only. Contact SUAIS, the nearest FSS, or Anchorage ARTCC for actual activation times.
Controlling Agency. FAA, Anchorage ARTCC.
Using Agency. USAF, 354 Fighter Wing, Eielson AFB, AK.
NOTE: SUAIS including VHF transmitter/receiver, recording, and telephone capability must be operational during activation. Any operation during reduced capability requires the issuance of a NOTAM.

TIMES OF USE AND NOTE CHANGED 11/08/18
BOUNDARIES CHANGED 10/10/19

DELTA 5 MOA, AK
Boundaries. Beginning at lat. 63°37'00"N., long. 144°33'14"W.; to lat. 63°37'00"N., long. 144°13'00"W.; to lat. 63°32'22"N., long. 144°16'22"W.; to the point of beginning.
Altitudes. 500 feet AGL to but not including FL 180.
Times of Use. 0700-0000, by NOTAM, during MFE only; expected use during MFE 5 hours/day, 60 days/year.
Controlling Agency. FAA, Anchorage ARTCC.
Using Agency. USAF, 354th Fighter Wing, Eielson AFB, AK.
NOTE: SUAIS including VHF transmitter/receiver, recording, and telephone capability must be operational during activation. Any operation during reduced capability requires the issuance of a NOTAM.

ADDED 11/08/18

Demo 1 MOA, VA
Boundaries. Beginning at lat. 38°37'00"N., long. 77°34'06"W.; to lat. 38°32'20"N., long. 77°39'39"W.; to lat. 38°23'00"N., long. 77°39'59"W.; to lat. 38°23'00"N., long. 77°34'07"W.; to lat. 38°26'20"N., long. 77°27'21"W.; to lat. 38°31'15"N., long. 77°24'19"W.; to lat. 38°29'00"N., long. 77°28'44"W.; to lat. 38°31'20"N., long. 77°34'06"W.; to the point of beginning.
Altitudes. 500 feet to 5,000 feet MSL.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Potomac TRACON.
Using agency. U.S. Marine Corps, Commanding General, Marine Corps Base, Quantico, VA.

CONTROLLING AGENCY CHANGED 12/20/07

Demo 2 MOA, VA
Boundaries. Beginning at lat. 38°31'15"N., long. 77°24'19"W.; to lat. 38°29'00"N., long. 77°28'44"W.; to lat. 38°31'20"N., long. 77°34'06"W.; to lat. 38°37'00"N., long. 77°34'06"W.; to lat. 38°37'50"N., long. 77°32'19"W.; to lat. 38°37'00"N., long. 77°25'33"W.; to lat. 38°34'00"N., long. 77°23'59"W.; to the point of beginning.
Altitudes. 10,000 to 15,000 feet MSL.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Potomac TRACON.
Using agency. U.S. Marine Corps, Commanding General, Marine Corps Base, Quantico, VA.

CONTROLLING AGENCY CHANGED 12/20/07

Demo 3 MOA, VA
Boundaries. Beginning at lat. 38°37'00"N., long. 77°34'06"W.; to lat. 38°32'20"N., long. 77°39'39"W.; to lat. 38°23'00"N., long. 77°39'59"W.; to lat. 38°23'00"N., long. 77°34'07"W.; to lat. 38°26'20"N., long. 77°27'21"W.; to lat. 38°31'15"N., long. 77°24'19"W.; to lat. 38°29'00"N., long. 77°28'44"W.; to lat. 38°31'20"N., long. 77°34'06"W.; to the point of beginning.
Altitudes. Above 5,000 to 15,000 feet MSL.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Potomac TRACON.
Using agency. U.S. Marine Corps, Commanding General, Marine Corps Base, Quantico, VA.

CONTROLLING AGENCY CHANGED 12/20/07

Desert MOA, NV
Boundaries. Beginning at lat. 37°53'00"N., long. 116°11'03"W.; to lat. 37°59'59"N., long. 114°42'06"W.; to lat. 38°01'00"N., long. 114°30'03"W.; to lat. 38°01’00”N.,long.114°12’00”W,; to lat. 37°53'44"N., long. 113°42'03"W.; to lat. 37°49'25"N., long. 113°42'01"W.; to lat. 36°43'00"N., long. 114°36'03"W.; to lat. 36°43’00”N.,long. 115°03’03”W.; to lat. 36°26'00"N., long. 115°18'03"W.; to lat. 37°17'00"N., long. 115°18'03"W.; to lat. 37°17'00"N., long. 115°35'03"W.; to lat. 37°28'00"N., long. 115°35'03"W.; to lat. 37°28'00"N., long. 115°48'03"W.;

to lat. 37°33'00"N., long. 115°48'03"W.; to lat. 37°33'00"N., long. 115°53'03"W.; to lat. 37°42'00"N., long. 115°53'03"W.; to lat. 37°42'00"N., long. 116°11'03"W.; to the point of beginning.
Altitudes. 100 feet AGL to but not including FL 180 excluding the airspace 1,500 feet AGL and below within a 3 NM radius of the Alamo, and Lincoln County Airports.
Times of use. Sunrise to sunset, Monday to Saturday; other times by NOTAM.
Controlling agency. USAF Nellis AFB, NV RATCF.
Using agency. USAF, 57th Fighter Weapons Wing, Nellis AFB, NV.

BOUNDARIES AND CONTROLLING AGENCY CHANGED 11/23/06

Devils Lake East MOA, ND
Boundaries. Beginning at lat. 47º50’00”N., long. 99º09’01”W.; to lat. 47º47’00”N., long. 99º00’01”W.; to lat. 47º50’00”N., long. 98º17’01”W.; to lat. 47º35’00”N., long. 98º07’01”W.; to lat. 47º19’00”N., long. 97º44’01”W.; at lat. 47º07’00”N., long. 98º12’01”W.; to lat. 47º14’00”N., long. 98º22’01”W.; to lat. 47º25’00”N., long. 99º15’01”W.; to lat. 47º25’00”N., long. 99º41’01”W.; to the point of beginning, excluding R-5401, R-5402, R-5403A, R-5403B, R-5403C, R-5403D, R-5403E, and R-5403F when active.
Altitudes. 3,500 feet MSL to but not including FL 180.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Minneapolis ARTCC.
Using agency. U.S. Air Force, 119th Operations Support Squadron, Hector International Airport, Fargo, ND.

BOUNDARIES, ALTITUDES, USING AGENCY CHANGED 07/26/12

Devils Lake West MOA, ND
Boundaries. Beginning at lat. 48°00'00"N., long. 100°15'02"W.; to lat. 48°00'00"N., long. 99°35'01"W.; to lat. 47°50'00"N., long. 99°09'01"W.; to lat. 47°25'00"N., long. 99°41'01"W.; to lat. 47°25'00"N., long. 100°44'01"W.; to lat. 47°45'00"N., long. 100°44'02"W.; to the point of beginning.
Altitudes. 4,000 feet MSL to but not including FL 180.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Minneapolis ARTCC.
Using agency. U.S. Air Force, 119th Operations Support Squadron, Hector International Airport, Fargo, ND.

USING AGENCY CHANGED 07/26/12

Dodge MOA, KS
Boundaries. Beginning at lat. 38°31'07"N., long. 100°30'00"W.; to lat. 38°47'30"N., long. 100°00'00"W.; to lat. 38°11'30"N., long. 100°00'00"W.; to lat. 38°11'30"N., long. 100°30'00"W.; to the point of beginning.

Altitudes. 10,000 feet MSL to, but not including, FL 180.
Times of use. Intermittent by NOTAM 48 hours in advance.
Controlling agency. FAA, Kansas City ARTCC.
Using agency. U.S. Air Force, 138th Fighter Wing, Tulsa ANGB, OK.

ADDED 02/25/21

Dolphin North MOA, OR
Boundaries. Beginning at lat. 44°12’51”N., long. 124°23’50”W.; to lat. 44°21’00”N., long. 124°07’00”W.; to lat. 44°21’00”N., long. 123°37’00”W.; to lat. 42°10’00”N., long. 123°37’00”W.; to lat. 42°10’00”N., long. 124°40’15”W.; thence north 12 nautical miles from and parallel to the U.S. shoreline to point of beginning.
Altitudes. 11,000 feet MSL to but not including FL 180.
Times of use. 0800-1600 daily, other times by NOTAM.
Controlling agency. FAA, Seattle ARTCC.
Using agency. Western Air Defense Sector, Joint Base Lewis-McChord, WA.

BOUNDARIES CHANGE 12/07/17

Dolphin South MOA, OR
Boundaries. Beginning at lat. 42°10’00”N., long. 124°40’15”W.; to lat. 42°10’00”N., long. 123°37’00”W.; to lat. 41°25’00”N., long. 123°37’00”W.; to lat. 41°25’00”N., long. 124°25’26”W.; thence north 12 nautical miles from and parallel to the U.S. shoreline to point of beginning.
Altitudes. 11,000 feet MSL to but not including FL 180.
Times of use. 0800-1600 daily, other times by NOTAM.
Controlling agency. FAA, Seattle ARTCC.
Using agency. Western Air Defense Sector, Joint Base Lewis-McChord, WA.

BOUNDARIES CHANGED 12/07/17

Dome MOA, AZ
Boundaries. Beginning at lat. 32°39'40"N., long. 114°45'23"W.; to lat. 32°39'40"N., long. 114°28'33"W.; to lat. 32°35'00"N., long. 114°28'33"W.; to lat. 32°35'00"N., long.114°31'03"W.; to lat. 32°30'00"N., long. 114°31'03"W.; to lat. 32°30'00"N., long. 114°28'33"W.; to lat. 32°23'45"N., long. 114°28'33"W.; thence via the U.S./Mexico Border
to the point of beginning.
Altitudes. 6,000 feet MSL to but not including FL 180.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. USMC, MCAS Yuma, AZ.

ADDED 03/08/90

Drifter MOA, KS
Boundaries. Beginning at lat. 38°47'30"N., long. 100°00'00"W.; to lat. 38°47'30"N., long. 099°16'30"W.; to lat. 38°11'30"N., long. 099°16'30"W.; to lat. 38°11'30"N., long. 100°00'00"W.; to the point of beginning.
Altitudes. 10,000 feet MSL to, but not including, FL 180.
Times of use. Intermittent by NOTAM 48 hours in advance.
Controlling agency. FAA, Kansas City ARTCC.
Using agency. U.S. Air Force, 138th Fighter Wing, Tulsa ANGB, OK.

ADDED 02/25/21

Drum MOA, NY
Boundaries. Beginning at lat. 44°14'49"N., long. 75°49'00"W.; to lat. 44°19'00"N., long. 75°44'30"W.; to lat. 44°19'00"N., long. 75°37'05"W.; to lat. 44°16'07"N., long. 75°32'41"W.; to lat. 44°10'50"N., long. 75°38'59"W.; to lat. 44°09'34"N., long. 75°40'00"W.; to the point of beginning.
Altitudes. 500 feet AGL to but not including 5,000 feet MSL.
Times of use. May 1-August 31: 0800-1700 Monday-Friday; other times by NOTAM.
September 1-April 30: 0800-2200 Monday-Friday; other times by NOTAM.
Controlling agency. U.S. Army, Wheeler-Sack Approach Control.
Using agency. NY ANG, 174FW/Det 1, Fort Drum, NY.

ADDED 11/20/08

Duke MOA, PA
Boundaries. Beginning at lat. 42°02'40"N., long. 78°28'59"W.; to lat. 41°54'30"N., long. 77°24'19"W.; to lat. 41°19'55"N., long. 77°47'53"W.; to lat. 41°23'00"N., long. 78°36'39"W.; to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.
Times of use. 1000-1500 daily; other times by NOTAM.
Controlling agency. FAA, Cleveland ARTCC.
Using agency. Air National Guard, 112th Air Control Squadron, State College AGS, State College, PA.

USING AGENCY CHANGED 06/18/98

Eel A MOA, OR
Boundaries. Beginning at lat. lat. 46°20’00”N., long. 124°21’53”W.; to lat. 46°20’00”N., long. 123°50’00”W.; to lat. 46°07’00”N., long. 123°30’00”W; to lat. 45°58’00”N., long. 123°30’00”W.; to lat. 45°58’00”N., long. 124°18’09”W.; thence north 12 miles from and parallel to US shoreline; to lat. 46°08'50"N., long. 124°19'41"W.; thence north 12 miles from and parallel to US shoreline; to the point of beginning.

Altitudes. 11,000 feet MSL up to but not including FL180.
Times of Use. Intermittent by NOTAM.
Controlling Agency. FAA, Seattle ARTCC.
Using Agency. USAF, 142 FW, Portland Air National Guard, OR.

ADDED 12/07/17

Eel B MOA, OR
Boundaries. Beginning at lat. lat. 45°58’00”N., long. 124°18’09”W to lat. 45°58’00”N., long. 123°30’00”W.; to lat. 45°36’00”N., long. 123°30’00”W.; to lat. 45°36’00”N., long. 124°14’48”W.; thence north 12 miles from and parallel to US shoreline; to the point of beginning.
Altitudes. 11,000 feet MSL up to but not including FL180.
Times of Use. Intermittent by NOTAM.
Controlling Agency. FAA, Seattle ARTCC.
Using Agency. USAF, 142 FW, Portland Air National Guard, OR.

ADDED 12/07/17

Eel C MOA, OR
Boundaries. Beginning at lat. to lat. 45°36’00”N., long. 124°14’48”W.; to lat. 45°36’00”N., long. 123°30’00”W.; to lat. 45°12’00”N., long. 123°30’00”W.; to lat. 45°12’00”N., long. 124°16’19”W.; thence north 12 miles from and parallel to US shoreline; to the point of beginning.
Altitudes. 11,000 feet MSL up to but not including FL180.
Times of Use. Intermittent by NOTAM.
Controlling Agency. FAA, Seattle ARTCC.
Using Agency. USAF, 142 FW, Portland Air National Guard, OR.

ADDED 12/07/17

Eel D MOA, OR
Boundaries. Beginning at lat. 45°12’00”N., long. 124°16’19”W.; to lat. 45°12’00”N., long. 123°30’00”W.; to lat. 45°07’00”N., long. 123°30’00”W.; to lat. 44°41'14"N., long. 124°21'39"W.; thence north 12 miles from and parallel to US shoreline; to the point of beginning.
Altitudes. 11,000 feet MSL up to but not including FL180.
Times of Use. Intermittent by NOTAM.
Controlling. USAF, 142 FW, Portland Air National Guard, OR.

ADDED 12/07/17

Eglin A East MOA, FL
Boundaries. Beginning at lat. 30°58'01"N., long. 86°49'00"W.; to lat. 30°58'01"N., long. 86°40'30"W.; to lat. 30°42'49"N., long. 86°41'00"W.; to lat. 30°42'46"N., long. 86°45'45"W.;

thence west along the L and N Railroad to lat. 30°42'16"N., long. 86°47'00"W.; to lat. 30°53'21"N., long. 86°47'00"W.; to lat. 30°54'11"N., long. 86°53'15"W.; to the point of beginning.
Altitudes. 1,000 feet AGL to but not including FL 180; occasional use to 200 feet AGL by NOTAM.
Times of use. Intermittent, 0600-2100 local time Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U. S. Air Force, Commander, 96th Test Wing, Eglin AFB, FL.

USING AGENCY CHANGED 05/02/13

Eglin A West MOA, FL
Boundaries. Beginning at lat. 30°54'11"N., long. 86°53'15"W.; to lat. 30°53'21"N., long. 86°47'00"W.; to lat. 30°42'10"N., long. 86°47'00"W.; thence west along the L and N railroad to lat. 30°38'52"N., long. 86°55'00"W.; to lat. 30°52'31"N., long. 86°55'00"W.; to the point of beginning.
Altitudes. 1,000 feet AGL to but not including FL 180; occasional use to 200 feet AGL by NOTAM.
Times of use. Intermittent, 0600-2100 local time Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U. S. Air Force, Commander, 96th Test Wing, Eglin AFB, FL.

BOUNDARIES CHANGED 09/13/18

Eglin B MOA, FL
Boundaries. Beginning at lat. 30°58'01"N., long. 86°40'30"W.; to lat. 30°58'01"N., long. 86°25'00"W.; to lat. 30°53'01"N., long. 86°25'00"W.; to lat. 30°43'31"N., long. 86°20'00"W.; to lat. 30°42'55"N., long. 86°41'00"W.; to the point of beginning.
Altitudes. 1,000 feet AGL to but not including FL 180; occasional use to 200 feet AGL by NOTAM; excluding Crestview, FL, Class E airspace area below 1,500 feet AGL.
Times of use. Intermittent, 0600-2100 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U. S. Air Force, Commander, 96th Test Wing, Eglin AFB, FL.

USING AGENCY CHANGED 05/02/13

Eglin C MOA, FL
Boundaries. Beginning at lat. 30°58'01"N., long. 86°25'00"W.; to lat. 30°58'01"N., long. 86°13'00"W.; to lat. 30°43'46"N., long. 86°10'30"W.; to lat. 30°43'31"N., long. 86°20'00"W.; to lat. 30°53'01"N., long. 86°25'00"W.; to the point of beginning.
Altitudes. 1,000 feet AGL to but not including FL 180; occasional use to 200 feet AGL by NOTAM.

Times of use. Intermittent, 0600-2100 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U. S. Air Force, Commander, 96th Test Wing, Eglin AFB, FL.

USING AGENCY CHANGED 05/02/13

Eglin D MOA, FL
Boundaries. Beginning at lat. 31°03'01"N., long. 86°25'00"W.; to lat. 31°03'01"N., long. 86°07'00"W.; to lat. 30°45'01"N., long. 86°07'00"W.; to lat. 30°43'46"N., long. 86°10'30"W.; to lat. 30°58'01"N., long. 86°13'00"W.; to lat. 30°58'01"N., long. 86°25'00"W.; to the point of beginning.
Altitudes. 1,000 feet AGL to and including 3,000 feet MSL.
Times of use. Intermittent, 0600-2100 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U. S. Air Force, Commander, 96th Test Wing, Eglin AFB, FL.

USING AGENCY CHANGED 05/02/13

Eglin E MOA, FL
Boundaries. Beginning at lat. 30°33'30"N., long. 86°55'00"W.; to lat. 30°38'52"N., long. 86°55'00"W.; thence east along the northern boundary of R-2915A to lat. 30°42'46"N., long. 86°45'23"W.; to lat. 30°42'51"N., long. 86°38'02"W.; to lat. 30°43'46"N., long. 86°10'30"W.; to lat. 30°41'01"N., long. 86°05'10"W.; to lat. 30°24'01"N., long. 85°56'00"W.; to lat. 30°11'08"N., long. 85°56'00"W.; thence 3 NM from and parallel to the shoreline to lat. 30°19'45"N., long. 86°51'30"W.; to lat. 30°22'47"N., long. 86°51'30"W.; to lat. 30°24'21"N., long. 86°48'00"W.; to lat. 30°26'31"N., long. 86°51'30"W.; to lat. 30°26'31"N., long. 86°52'00"W.; thence along the Navarre-Milton Highway to the point of beginning.
Altitudes. Surface to but not including FL 180.
Times of use. Intermittent, 0600-2100 Monday-Friday; other times by NOTAM. Radar advisory service available to Destin Airport.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U. S. Air Force, Commander, 96th Test Wing, Eglin AFB, FL.

BOUNDARIES CHANGED 09/13/18

Eglin F MOA, FL
Boundaries. Beginning at lat. 30°26'31"N., long. 86°51'30"W.; to lat. 30°24'21"N., long. 86°48'00"W.; to lat. 30°23'01"N., long. 86°51'30"W.; to the point of beginning.
Altitudes. Surface to but not including FL 180.

Times of use. Intermittent, 0600-2100 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U. S. Air Force, Commander, 96th Test Wing, Eglin AFB, FL.

USING AGENCY CHANGED 05/02/13

Eielson MOA, AK
Boundaries. Beginning at lat. 63°50'49"N, long. 146°47'38"W; to lat. 63°58'00"N, long. 148°00'00"W; to lat. 64°22'28"N, long. 147°58'09"W; to lat. 64°13'28"N, long. 147°32'08"W; to lat. 64°19'58"N' long. 147°19'09"W; to lat. 64°17'43"N, long. 147°03'29"W; to lat. 64°14'44"N, long. 146°43'23"W; thence along the east bank of the Little Delta and East Fork Rivers to the point of beginning, excluding that airspace at or below 1,500 feet AGL within a 3 NM radius of the Gold King Creek Airstrip (centered at lat. 64°11'47"N, long. 147°55'57"W.)
Altitudes. 100 feet AGL to but not including FL 180.
Times of use. 0800-1800, Monday-Friday; by NOTAM for other times between 0700-0000; pending Special Use Airspace Information Service availability.
Controlling agency. FAA, Anchorage ARTCC.
Using agency. U.S. Air Force 354th Fighter Wing, Eielson AFB, AK.
NOTE: SUAIS including VHF transmitter/receiver, recording, and telephone capability must be operational during activation. Any operation during reduced capability requires the issuance of a NOTAM.

TIMES OF USE AND NOTE CHANGED 11/08/18

Eureka High MOA, KS
Boundaries. Beginning at lat. 37°48'00"N., long. 96°43'29"W.; to lat. 37°53'15"N., long. 95°56'01"W.; to lat. 37°41'15"N., long. 95°45'28"W.; clockwise along the Wichita, KS, VORTAC 87 NM DME arc to lat. 37°05'02"N., long. 95°57'49"W.; to lat. 37°04'30"N., long. 96°00'31"W.; to lat. 37°26'36"N., long. 96°48'44"W.; thence counterclockwise along the 41 NM DME arc of the Wichita VORTAC to the point of beginning.
Altitudes. 6,000 feet to but not including FL 180.
Times of use. Sunrise-sunset, Monday-Friday; Saturday and Sunday by NOTAM.
Controlling agency. FAA, Kansas City ARTCC.
Using agency. Air National Guard, 138th Fighter Wing, Tulsa, Oklahoma.

USING AGENCY CHANGED 09/18/14

Eureka Low MOA, KS
Boundaries. Beginning at lat. 37°48'00"N., long. 96°43'29"W.; to lat. 37°53'15"N., long. 95°56'01"W.; to lat. 37°41'15"N., long. 95°45'28"W.; clockwise along the Wichita, KS, VORTAC 87 NM DME arc to lat. 37°05'02"N., long. 95°57'49"W.; to lat. 37°04'30"N., long. 96°00'31"W.; to lat. 37°26'36"N., long. 96°48'44"W.; thence counterclockwise along the 41 NM DME arc of the Wichita VORTAC to the point of beginning.

Altitudes. 2,500 feet to but not including 6,000 feet.
Times of use. Sunrise-sunset, Monday-Friday; Saturday and Sunday by NOTAM.
Controlling agency. FAA, Kansas City ARTCC.
Using agency. Air National Guard, 138th Fighter Wing, Tulsa, Oklahoma.

USING AGENCY CHANGED 09/18/14

Evers MOA, WV
Boundaries. Beginning at lat. 38°40'01"N., long. 79°57'59"W.; to lat. 38°40'01"N., long. 79°19'49"W.; to lat. 38°24'00"N., long. 79°19'49"W.; to lat. 38°24'00"N., long. 79°57'59"W.; to the point of beginning.
Altitudes. 1,000 feet AGL up to but not including FL 180.
Times of use. Sunrise-sunset, daily by NOTAM.
Controlling agency. FAA, Washington ARTCC.
Using agency. ANG, 113th Wing, DC ANG, Washington, DC.

USING AGENCY CHANGED 05/24/18

Fallon North 1 MOA, NV
Boundaries. Beginning at lat. 39°51'00"N., long. 118°38'04"W.; to lat. 40°01'00"N., long. 118°15'04"W.; to lat. 40°06'00"N., long. 117°57'33"W.; to lat. 40°06'03"N., long. 117°48'03"W.; to lat. 40°02'40"N., long. 117°56'53"W.; to lat. 39°34'27"N., long. 118°19'02"W.; to lat. 39°26'21"N., long. 118°26'21"W.; to lat. 39°45'53"N., long. 118°37'56"W.; to the point of beginning. Excluding that airspace within R-4813A when active, and those portions of the Fallon and Stillwater National Wildlife Refuge areas below 3,000 AGL.
Altitudes. 100 feet AGL up to but not including FL 180.
Times of use. 0715-2330 daily; other times by NOTAM.
Controlling agency. FAA, Oakland ARTCC.
Using agency. U.S. Navy, Commander, Naval Strike and Air Warfare Center, NAS Fallon, NV.

ADDED 11/15/12

Fallon North 2 MOA, NV
Boundaries. Beginning at Lat. 40º06’03”N. long. 117º48’03”W.; to lat. 40º13’16”N. long. 117º24’09”W.; to lat. 40º09’08”N. long. 117º24’03”W.; to lat. 39º59’10”N. long. 117º34’03”W.; to lat. 39º55’11”N. long. 117º26’15”W.; to lat. 39º44’43”N. long. 117º25’22”W.; to lat. 39º30’31”N. long. 117º24’27”W.; to lat. 39º34’12”N. long. 117º39’39”W.; to lat. 39º34’20”N. long. 118º12’19”W.; to lat. 39º34’27”N. long. 118º19’02”W.; to lat. 40º02’40”N. long. 117º56’53”W To the point of beginning. Excluding that airspace within R4816N when active, and those portions of the Fallon and Stillwater National Wildlife Refuge areas below 3,000 AGL.
Altitudes. 100 feet AGL up to but not including FL 180.

Times of use. 0715-2330 daily; other times by NOTAM.
Controlling agency. FAA, Oakland ARTCC.
Using agency. U.S. Navy, Commander, Naval Strike and Air Warfare Center, NAS Fallon, NV.

ADDED 11/15/12

Fallon North 3 MOA, NV
Boundaries. Beginning at Lat. 40º13’16”N. long. 117º24’09”W.; to lat. 40º20’37”N. long. 116º59’53”W.; to lat. 40º05’00”N. long. 116º59’55”W.; to lat. 39º44’43”N. long. 117º25’22”W.; to lat. 39º55’11”N. long. 117º26’15”W.; to lat. 39º59’10”N. long. 117º34’03”W.; to lat. 40º09’08”N. long. 117º24’03”W to the point of beginning.
Altitudes. 100 feet AGL up to but not including FL 180, southeast of the line beginning at 40º06’00”N., long. 117º48’03”W to 39º29’50”N., long. 117º04’03”W, 200 feet AGL up to but not including FL 180, northeast of the line beginning at 40º06’00”N., long. 117º48’03”W to 39º29’50”N.;long. 117º04’03”W.
Times of use. 0715-2330 daily; other times by NOTAM.
Controlling agency. FAA, Salt Lake ARTCC.
Using agency. U.S. Navy, Commander, Naval Strike and Air Warfare Center, NAS Fallon, NV.

ADDED 11/15/12

Fallon North 4 MOA, NV
Boundaries. Beginning at lat. 40°20'37"N. long. 116°59'53"W.; to lat. 40°23'00"N. long. 116°53'03"W.; to lat. 40°25'00"N. long. 116°30'03"W.; to lat. 39°45'00"N. long. 116°30'03"W.; to lat. 39°28'31"N. long. 117°16'11"W.; to lat. 39°30'31"N. long. 117°24'27"W.; to lat. 39°44'43"N. long. 117°25'22"W.; to lat. 40°05'00"N. long. 116°59'55"W.; to the point of beginning. Excluding: (1) That airspace encompassed by a 3 NM radius centered on the town of Austin, NV, located at approximately lat. 39°29'50"N., long. 117°04'03"W. below 2,000 feet AGL. (2) That airspace encompassed by a 3 NM radius centered on Austin Airport, NV, located at lat. 39°28'05"N., long. 117°11'51"W. below 2,000 feet AGL. (3) That airspace 2 NM either side of State Route 722 to the town of Austin NV and Austin Airport, NV.
Altitudes. 200 feet AGL up to but not including FL 180.
Times of use. 0715-2330 daily; other times by NOTAM.
Controlling agency. FAA, Salt Lake ARTCC.
Using agency. U.S. Navy, Commander, Naval Strike and Air Warfare Center, NAS Fallon, NV.

ADDED 11/15/12

Fallon South 1 MOA, NV
Boundaries. Beginning at lat. 39°26'21"N. long. 118°26'21"W.; to lat. 39°34'27"N. long. 118°19'02"W.; to lat. 39°34'20"N. long. 118°12'19"W.; to lat. 39°34'12"N. long. 117°39'39"W.; to lat. 39°30'31"N. long. 117°24'27"W.; to lat. 39°10'00"N. long. 117°23'03"W.; to lat. 39°06'05"N. long. 118°33'37"W.; to lat. 39°17'00"N. long. 118°21'24"W.; to the point of beginning. Excluding the following airspace: (1) that airspace within R-4804A, R-4810, R-4812 and R4816S when active; (2) that airspace between 2,000 feet AGL and 8,500 feet MSL bounded on the west by the western edge of the Fallon South 1 MOA, on the north by the southern boundary of R-4816S, on the east by long. 118°07'30"W. and on the south by US Highway 50; (3) that airspace between 2,000 feet AGL and 10,500 feet MSL bounded on the west by long. 118°07'30"W., on the north by the southern boundary of R-4816S, and on the south by a line 2 NM south of and parallel to US Highway 50, thence eastward until the thence eastward until the intersection of US Highway 50 and State Route 722, thence 2 NM either side State Route 722 eastward to the eastern boundary of the Fallon South 1 MOA.
Altitudes. 100 feet AGL up to, but not including FL 180.
Time of use. 0715-2330 daily; other times by NOTAM.
Controlling agency. FAA, Oakland ARTCC.
Using agency. U.S. Navy, Commander, Naval Strike and Air Warfare Center, NAS Fallon, NV.

ADDED 11/15/12

Fallon South 2 MOA, NV
Boundaries. Beginning at lat. 39°06'05"N. long. 118°33'37"W.; to lat. 39°10'00"N. long. 117°23'03"W.; to lat. 38°43'00"N. long. 118°02'03"W.; to lat. 38°43'00"N. long. 118°11'33"W.; to lat. 38°58'00"N. long. 118°42'54"W.; to the point of beginning. Excluding that airspace encompassed by a 3 NM radius centered on the town of Gabbs, NV, located at lat. 38°52'12"N., long. 117°55'33"W. below 2,000 feet AGL.
Altitudes. 100 feet AGL up to, but not including FL 180.
Time of use. 0715-2330 daily; other times by NOTAM.
Controlling agency. FAA, Oakland ARTCC.
Using agency. U.S. Navy, Commander, Naval Strike and Air Warfare Center, NAS Fallon, NV.

ADDED 11/15/12

Fallon South 3 MOA, NV
Boundaries. Beginning at lat. 38°43'00"N. long. 117°53'08"W.; to lat. 38°43'00"N. long. 118°02'03"W.; to lat. 39°10'00"N. long. 117°23'03"W.; to lat. 38°56'00"N. long. 117°23'03"W.; to the point of beginning.
Altitudes. 100 feet AGL up to, but not including FL 180.
Time of use. 0715-2330 daily; other times by NOTAM.
Controlling agency. FAA, Oakland ARTCC.
Using agency. U.S. Navy, Commander, Naval Strike and Air Warfare Center, NAS Fallon, NV.

BOUNDARIES CHANGED 05/29/14

Fallon South 4 MOA, NV
Boundaries. Beginning at lat. 39°30'31"N. long. 117°24'27"W.; to lat. 39°28'31"N. long. 117°16'11"W.; to lat. 39°45'00"N. long. 116°30'03"W.; to lat. 39°10'00"N. long. 117°23'03"W.; to the point of beginning. Excluding: (1) That airspace encompassed by a 3 NM radius centered on the town of Austin, NV, located at approximately lat. 39°29'50"N., long. 117°04'03"W. below 2,000 feet AGL. (2) That airspace encompassed by a 3 NM radius centered on Austin Airport, NV, located at lat. 39°28'05"N., long. 117°11'51"W. below 2,000 feet AGL. (3) That airspace 2 NM either side of State Route 722 to the town of Austin, then 2 NM either side of U.S. Highway 50 to the eastern boundary of the Fallon South 4 MOA between 2,000 feet AGL and 10,500 feet MSL.
Altitudes. 200 feet AGL up to, but not including FL 180.
Time of use. 0715-2330 daily; other times by NOTAM.
Controlling agency. FAA, Salt Lake ARTCC.
Using agency. U.S. Navy, Commander, Naval Strike and Air Warfare Center, NAS Fallon, NV.

ADDED 11/15/12

Fallon South 5 MOA, NV
Boundaries. Beginning at lat. 39°10'00"N. long. 117°23'03"W.; to lat. 39°45'00"N. long. 116°30'03"W.; to lat. 39°18'00"N. long. 116°30'03"W.; to lat. 38°56'00"N. long. 117°23'03"W.; to the point of beginning. Excluding that airspace 2 NM either side of U.S. Highway 50 between 2,000 feet AGL and 10,500 feet MSL.
Altitudes. 200 feet AGL up to, but not including FL 180.
Time of use. 0715-2330 daily; other times by NOTAM.
Controlling agency. FAA, Salt Lake ARTCC.
Using agency. U.S. Navy, Commander, Naval Strike and Air Warfare Center, NAS Fallon, NV.

ADDED 11/15/12

Farmville MOA, VA
Boundaries. Beginning at lat. 37°35'00"N., long. 78°12'30"W.; to lat. 37°29'30"N., long. 77°55'00"W.; to lat. 36°50'30"N., long. 78°20'00"W.; to lat. 36°46'30"N., long. 78°48'00"W.; to lat. 36°52'30"N., long. 79°03'30"W.; to lat. 37°15'00"N., long. 78°50'00"W.; to lat. 37°15'00"N., long. 78°20'00"W.; to the point of beginning.
Altitudes. 300 feet AGL to 5,000 feet MSL. Excludes areas at and below 1,500 feet AGL within 3 NM of public use airports.
Times of use. 0800-1700 Monday-Friday; Other times by NOTAM.
Controlling agency. FAA, Washington ARTCC.
Using agency. U.S. Air Force, 1st Fighter Wing, Langley AFB, VA.

BOUNDARIES, TIMES OF USE, AND USING AGENCY CHANGED 12/03/98

Foothill 1 MOA, CA
Boundaries. Beginning at lat. 37°04'50"N., long. 119°16'03"W.; to lat. 37°04'50"N., long. 118°35'03"W.; to lat. 36°35'50"N., long. 118°35'03"W.; to lat. 36°42'50"N., long. 119°15'03"W.; to the point of beginning.
Altitudes. 2,000 feet AGL to but not including FL 180, except 3,000 feet AGL over wilderness areas.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Oakland ARTCC.
Using agency. Commander, Strike Fighter Wing Pacific Fleet, Naval Air Station, Lemoore, CA

Foothill 2 MOA, CA
Boundaries. Beginning at lat. 36°42'50"N., long. 119°15'03"W.; to lat. 36°35'50"N., long. 118°35'03"W.; to lat. 36°08'00"N., long. 118°35'03"W.; to lat. 36°08'00"N., long. 119°02'23"W.; to lat. 36°33'00"N., long. 119°14'03"W.; to the point of beginning.
Altitudes. 2,000 feet AGL to but not including FL 180, except 3,000 feet AGL over wilderness areas.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Oakland ARTCC.
Using agency. Commander, Strike Fighter Wing Pacific Fleet, Naval Air Station, Lemoore, CA.

USING AGENCY CHANGED 04/25/96

Fort Bragg North Area A MOA, NC
Boundaries. Beginning at lat. 35°07'06"N., long. 79°22'49"W.; to lat. 35°15'31"N., long. 79°16'49"W.; to lat. 35°15'21"N., long. 79°07'14"W.; to lat. 35°10'01"N., long. 79°07'19"W.; thence west along the north boundary of R-5311 to the point of beginning.
Altitudes. 500 feet AGL to and including 6,000 feet MSL.
Times of use. Intermittent, 0700-2400, Monday-Friday; by NOTAM Saturday and Sunday.
Controlling agency. FAA, Fayetteville Air Traffic Control Tower.
Using agency. U. S. Army, Fort Bragg, NC.

TIMES OF USE CHANGED 01/15/09

Fort Bragg North Area B MOA, NC
Boundaries. Beginning at lat. 35°15'31"N., long. 79°16'49"W.; to lat. 35°19'21"N., long. 79°16'44"W.; to lat. 35°19'16"N., long. 79°07'09"W.; to lat. 35°15'21"N., long. 79°07'14"W.; to the point of beginning.
Altitudes. 4,000 feet MSL to and including 6,000 feet MSL.
Times of use. Intermittent, 0700-2400, Monday-Friday; by NOTAM Saturday and Sunday.
Controlling agency. FAA, Fayetteville Air Traffic Control Tower.
Using agency. U. S. Army, Fort Bragg, NC.

TIMES OF USE CHANGED 01/15/09

Fort Bragg South Area A MOA, NC
Boundaries. Beginning at lat. 35°02'56"N., long. 79°05'39"W.; to lat. 34°58'51"N., long. 79°06'59"W.; to lat. 34°58'51"N., long. 79°21'14"W.; to lat. 35°07'06"N., long. 79°22'49"W.; to lat. 35°02'46"N., long. 79°20'09"W.; to the point of beginning.
Altitudes. 500 feet AGL to and including 6,000 feet MSL.
NOTE: Area A excludes that airspace within 1 1/2 NM radius of the city of Raeford and Raeford Airport from surface to 3,000 feet AGL.
Times of use. Intermittent, 0700-2400, Monday-Friday; by NOTAM Saturday and Sunday.
Controlling agency. FAA, Fayetteville Air Traffic Control Tower.
Using agency. U. S. Army, Fort Bragg, NC.

TIMES OF USE CHANGED 01/15/09

Fort Bragg South Area B MOA, NC
Boundaries. Beginning at lat. 34°58'51"N., long. 79°06'59"W.; to lat. 34°55'26"N., long. 79°08'19"W.; to lat. 34°55'36"N., long. 79°20'29"W.; to lat. 34°58'51"N., long. 79°21'14"W.; to the point of beginning.
Altitudes. 1,500 feet AGL to and including 6,000 feet MSL.
Times of use. Intermittent, 0700-2400, Monday-Friday; by NOTAM Saturday and Sunday.
Controlling agency. FAA, Fayetteville Air Traffic Control Tower.
Using agency. U. S. Army, Fort Bragg, NC.

TIMES OF USE CHANGED 01/15/09

Fort Stewart B1 MOA, GA
Boundaries. Beginning at lat. 31°51'31"N., long. 81°41'44"W.; to lat. 31°51'01"N., long. 81°41'44"W.; to lat. 31°51'01"N., long. 81°59'59"W.; to lat. 32°05'01"N., long. 81°56'59"W.; to lat. 32°11'01"N., long. 81°45'59"W.; to lat. 32°10'01"N., long. 81°38'59"W.; to lat. 32°08'31"N., long. 81°36'59"W.; to lat. 32°06'31"N., long. 81°36'59"W.; to lat. 32°06'31"N., long. 81°38'59"W.; to lat. 32°07'01"N., long. 81°43'29"W.; to lat. 32°07'29"N., long. 81°47'16"W.; to lat. 32°05'25"N., long. 81°50'02"W.; to lat. 32°03'00"N., long. 81°51'25"W.; to lat. 32°02'22"N., long. 81°50'41"W.; to lat. 31°59'46"N., long. 81°51'05"W.; to lat. 31°57'01"N., long. 81°53'14"W.; to lat. 31°55'31"N., long. 81°52'59"W.; to lat. 31°55'01"N., long. 81°52'59"W.; to the point of beginning.
Altitudes. 500 feet AGL to 4,999 feet MSL.
Times of use. Intermittent, 0600-2200 local time, Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. Commander, U.S. Army Garrison, Fort Stewart, GA.

USING AGENCY CHANGED 06/03/10

Fort Stewart B2 MOA, GA
Boundaries. Beginning at lat. 31°51'31"N., long. 81°41'44"W.; to lat. 31°51'01"N., long. 81°41'44"W.; to lat. 31°51'01"N., long. 81°59'59"W.; to lat. 32°05'01"N., long. 81°56'59"W.; to lat. 32°11'01"N., long. 81°45'59"W.; to lat. 32°10'01"N., long. 81°38'59"W.; to lat. 32°08'31"N., long. 81°36'59"W.; to lat. 32°06'31"N., long. 81°36'59"W.; to lat. 32°06'31"N., long. 81°38'59"W.; to lat. 32°07'01"N., long. 81°43'29"W.; to lat. 32°07'29"N., long. 81°47'16"W.; to lat. 32°05'25"N., long. 81°50'02"W.; to lat. 32°03'00"N., long. 81°51'25"W.; to lat. 32°02'22"N., long. 81°50'41"W.; to lat. 31°59'46"N., long. 81°51'05"W.; to lat. 31°57'01"N., long. 81°53'14"W.; to lat. 31°55'31"N., long. 81°52'59"W.; to lat. 31°55'01"N., long. 81°52'59"W.; to the point of beginning.
Altitudes. 5,000 feet MSL to 10,000 feet MSL.
Times of use. By NOTAM.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. Commander, U.S. Army Garrison, Fort Stewart, GA.

USING AGENCY CHANGED 06/03/10

Fort Stewart C1 MOA, GA
Boundaries. Beginning at lat. 31°54'04"N., long. 81°28'44"W.; to lat. 31°56°16"N., long. 81°22'59"W.; to lat. 31°58'46"N., long. 81°19'44"W.; to lat. 31°51'01"N., long. 81°20'59"W.; to lat. 31°51'01"N., long. 81°25'59"W.; to the point of beginning.
Altitudes. 500 feet AGL to 2,999 feet MSL.
Times of use. Intermittent, 0600-2200 local time, Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. Commander, U.S. Army Garrison, Fort Stewart, GA.

USING AGENCY CHANGED 06/03/10

Fort Stewart C2 MOA, GA
Boundaries. Beginning at lat. 31°51'01"N., long. 81°41'44"W.; to lat. 31°51'31"N., long. 81°41'44"W.; to lat. 31°52'21"N., long. 81°38'09"W.; to lat. 31°53'12"N., long. 81°37'50"W.; thence northeast along Georgia Highway 144 to lat. 31°56'49"N., long. 81°30'41"W.; thence along an arc of a 5-mile radius circle centered at lat. 31°53'21"N., long. 81°33'44"W.; to lat. 31°54'04"N., long. 81°28'44"W.; to lat. 31°56'16"N., long. 81°22'59"W.; to lat. 31°58'46"N., long. 81°19'44"W.; to lat. 31°51'01"N., long. 81°20'59"W.; to the point of beginning.
Altitudes. 3,000 feet MSL to 10,000 feet MSL.
Times of use. By NOTAM.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. Commander, U.S. Army Garrison, Fort Stewart, GA.

USING AGENCY CHANGED 06/03/10

Fox 1 MOA, AK
Boundaries. Beginning at lat. 63°58'00"N., long. 148°00'00"W.; to lat. 63°50'49"N., long. 146°47'38"W.; to lat. 63°43'59"N., long. 146°30'08"W.; to lat. 63°30'00"N., long. 145°54'00"W.; to lat. 63°30'00"N., long. 148°16'46"W.; to the point of beginning.
Altitudes. 5,000 feet AGL to but not including FL 180.
Times of use. 0800-1800, Monday-Friday; by NOTAM for other times between 0700-0000.
Controlling agency. FAA, Anchorage ARTCC.
Using agency. U.S. Air Force 354th Fighter Wing, Eielson AFB, AK.

TIMES OF USE CHANGED 11/08/18

Fox 2 MOA, AK
Boundaries. Beginning at lat. 63°43'59"N., long. 146°30'08"W.; to lat. 63°42'14"N., long. 146°13'34"W.; to lat. 63°42'59"N., long. 145°54'09"W.; to lat. 63°30'00"N., long.145°54'00"W.; to the point of beginning.
Altitudes. 7,000 feet MSL to but not including FL 180.
Times of use. 0800-1800, Monday-Friday; by NOTAM for other times between 0700-0000.
Controlling agency. FAA, Anchorage ARTCC.
Using agency. U.S. Air Force 354th Fighter Wing, Eielson AFB, AK.

TIMES OF USE CHANGED 11/08/18

Fox 3 High MOA, AK
Boundaries. Beginning at lat. 63°30'00"N., long. 145°54'00"W.; to lat. 63°23'00"N., long. 146°00'00"W.; to lat. 62°26'53"N., long. 145°51'33"W.; to lat. 62°13'35"N., long. 148°50'50"W.; to lat. 62°30'00"N., long. 148°50'50"W.; to lat. 63°30'00"N., long. 148°16'46"W.; to the point of beginning.
Altitudes. 5,000 feet AGL to but not including FL 180.
Times of Use. 0800-1800 Monday – Friday; other times between 0700-0000 including weekend by NOTAM; expected use 12 hours/day, 240 days/year.
Controlling Agency. FAA, Anchorage ARTCC.
Using Agency. US Air Force, 354th Fighter Wing, Eielson AFB, AK.

ADDED 11/08/18

Fox 3 Low MOA, AK
Boundaries. Beginning at lat. 63°30'00"N., long. 145°54'00"W.; to lat. 63°23'00"N., long. 146°00'00"W.; to lat. 62°26'53"N., long. 145°51'33"W.; to lat. 62°13'35"N., long. 148°50'50"W.; to lat. 62°30'00"N., long. 148°50'50"W.; to lat. 63°30'00"N., long. 148°16'46"W.; to the point of beginning.
Altitudes. 500 feet AGL to but not including 5,000 feet AGL.
Times of Use. 0700-0000, daily, by NOTAM; expected use 12 hours/day, 240 days/year.
Controlling Agency. FAA, Anchorage ARTCC.

Using Agency. US Air Force, 354th Fighter Wing, Eielson AFB, AK.
NOTE: SUAIS including VHF transmitter/receiver, recording, and telephone capability must be operational during activation. Any operation during reduced capability requires the issuance of a NOTAM.

ADDED 11/08/18

Fuzzy MOA, AZ
Boundaries. Beginning at lat. 31°31'00"N., long. 111°38'32"W.; to lat. 31°43'30"N., long. 111°35'32"W.; to lat. 31°43'30"N., long. 111°04'32"W.; to lat. 31°38'55"N., long.111°04'57"W.; to lat. 31°22'05"N., long. 111°11'12"W.; thence along the United States/Mexico border to the point of beginning.
Altitudes. 100 feet AGL up to but not including 10,000 feet MSL.
Times of use. 0700-1900 daily; other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. 162nd Tactical Fighter Group, Tucson, AZ.

Galena MOA, AK
Boundaries. Beginning at lat. 64°09'53"N., long. 156°00'01"W.; thence counterclockwise via a 40 NM radius arc from the Galena VORTAC to lat. 64°34'03"N., long. 155°16'45"W.; to lat. 64°32'58"N., long. 153°00'09"W.; to lat. 63°59'58"N., long. 153°00'09"W.; to lat. 63°16'58"N., long. 154°45'08"W.; to the point of beginning.
Altitudes. 1,000 feet AGL to but not including FL 180.
Times of use. Intermittent, 0800-1800 Monday-Friday; other times by NOTAM for other times between 0700-0000.
Controlling agency. FAA, Anchorage ARTCC.
Using agency. USAF, 3 WG, Elmendorf AFB Joint Base Elmendorf-Richardson, AK.

TIMES OF USE AND USING AGENCY CHANGED 11/08/18

Gamecock A MOA, NC
Boundaries. Beginning at lat. 34°45'41"N., long. 78°41'29"W.; to lat. 34°32'16"N., long. 78°19'44"W.; to lat. 34°24'01"N., long. 78°25'39"W.; to lat. 34°21'26"N., long. 79°03'59"W.; to lat. 34°31'01"N., long. 79°03'59"W.; to the point of beginning.
Altitudes. 7,000 feet MSL to but not including FL 180.
Times of use. Intermittent 0630-2230 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Washington ARTCC.
Using agency. U.S. Air Force, Commander, 4th Fighter Wing, Seymour Johnson AFB, NC.

USING AGENCY CHANGED 03/10/11

Gamecock B MOA, SC
Boundaries. Beginning at lat. 33°49'01"N., long. 79°18'29"W.; to lat. 33°38'01"N., long. 79°07'29"W.; to lat. 33°25'31"N., long. 79°25'29"W.; to lat. 33°24'01"N., long. 79°36'59"W.; to the point of beginning.
Altitudes. 10,000 feet MSL to but not including FL 180.
Times of use. Intermittent, 0800-2400 daily; other times by NOTAM, not to exceed two consecutive weeks nor four weeks per year.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, 20th Fighter Wing, Shaw AFB, SC.

TIMES OF USE CHANGED 01/23/03

Gamecock C MOA, SC
Boundaries. Beginning at lat. 33°49'01"N., long. 79°41'29"W.; to lat. 33°50'31"N., long. 79°24'59"W.; to lat. 33°50'31"N., long. 79°20'29"W.; to lat. 33°49'01"N., long. 79°18'29"W.; to lat. 33°38'01"N., long. 79°07'29"W.; to lat. 33°25'31"N., long. 79°25'29"W.; to lat. 33°24'01"N., long. 79°36'59"W.; to lat. 33°24'39"N., long. 79°48'27"W.; to the point of beginning.
Altitudes. 100 feet AGL to 10,000 feet MSL, excluding the airspace 1,500 feet AGL and below within a 3 NM radius of Robert F. Swinnie Airport, Andrews, SC.
Times of use. Intermittent, 0800-2400 daily; other times by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, 20th Fighter Wing, Shaw AFB, SC.

ALTITUDES CHANGED 08/17/17

Gamecock D MOA, SC
Boundaries. Beginning at lat. 33°53'01"N., long. 79°54'59"W.; to lat. 33°50'01"N., long. 79°47'59"W.; to lat. 33°49'01"N., long. 79°41'29"W.; to lat. 33°50'31"N., long. 79°24'59"W.; to lat. 33°50'31"N., long. 79°20'29"W.; to lat. 33°49'01"N., long. 79°18'29"W.; to lat. 33°24'01"N., long. 79°36'59"W.; to lat. 33°25'01"N., long. 79°54'59"W.; to lat. 33°32'31"N., long. 80°15'59"W.; to the point of beginning.
Altitudes. 10,000 feet MSL to but not including FL 180.
Times of use. Intermittent, 0800-2400 daily; other times by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, 20th Fighter Wing, Shaw AFB, SC.

TIMES OF USE CHANGED 01/23/03

Gamecock I MOA, SC
Boundaries. Beginning at lat. 34°44'26"N., long. 80°38'59"W.; to lat. 34°36'01"N., long. 80°22'59"W.; to lat. 34°28'15"N., long. 80°24'26"W.; to lat. 34°16'01"N., long. 80°45'19"W.; to lat. 34°38'31"N., long. 80°51'59"W.; to the point of beginning.
Altitudes. 100 feet AGL to 6,000 feet MSL.

Times of use. Intermittent, 0800-2400 daily; other times by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, 20th Fighter Wing, Shaw AFB, SC.

TIMES OF USE CHANGED 01/23/03

Gandy MOA, UT
Boundaries. Beginning at lat. 40°36'00"N., long. 114°27'03"W.; to lat. 40°36'00"N., long. 114°02'52"W.; to lat. 40°23'00"N., long. 114°15'03"W.; to lat. 39°40'00"N., long.114°15'03"W.; to lat. 39°23'00"N., long. 114°00'03"W.; to lat. 39°23'00"N., long. 114°27'03"W.; to the point of beginning.
Altitudes. 100 feet AGL to but not including FL 180.
Times of use. 0700-0000 Monday-Friday and 0800-1700 Saturday; other times by NOTAM.
Controlling agency. FAA, Salt Lake City ARTCC.
Using agency. 6501 Range Squadron (AFSC), Hill AFB, UT 84406.

TIMES OF USE CHANGED 07/29/10

Gap A High MOA, MT
Boundaries. Beginning at lat. 45°57’59”N., long. 105°59’23”W.; counter clockwise along the Miles City VOR/DME 25 NM arc; to lat. 45°59’24”N., long. 105°45’07”W.; to lat. 44°47’12”N., long. 105°30’41”W.; to lat. 44°48’11”N., long. 105°45’03”W.; to the point of beginning.
Altitudes. 12,000 feet MSL to, but not including FL 180.
Times of Use. By NOTAM 4 hours in advance. LFE only.
Controlling Agency. FAA, Denver ARTCC.
Using Agency. U.S. Air Force, 28th Bomb Wing, Ellsworth AFB, SD.

ADDED 09/17/15

Gap A Low MOA, MT
Boundaries. Beginning at lat. 45°57’59”N., long. 105°59’23”W.; counter clockwise along the Miles City VOR/DME 25 NM arc; to lat. 45°59’24”N., long. 105°45’07”W.; to lat. 44°47’12”N., long. 105°30’41”W.; to lat. 44°48’11”N., long. 105°45’03”W.; to the point of beginning.
Altitudes. 500 feet AGL to, but not including 12,000 feet MSL.
Times of Use. By NOTAM 4 hours in advance. LFE only.
Controlling Agency. FAA, Denver ARTCC.
Using Agency. U.S. Air Force, 28th Bomb Wing, Ellsworth AFB, SD.

ADDED 09/17/15

Gap B High MOA, MT
Boundaries. Beginning at lat. 46°08’55”N., long. 105°27’23”W.; counter clockwise along the Miles City VOR/DME 25 NM arc; to lat. 46°18’07”N., long. 105°21’48”W.; to lat. 46°03’21”N., long. 104°31’24”W.; to lat. 45°52’07”N., long. 103°44’36”W.; to lat. 45°35’42”N., long. 103°01’21”W.; to lat. 45°29’36”N., long. 103°02’33”W.; to lat. 45°29’05”N., long. 103°17’10”W.; to lat. 45°37’48”N., long. 103°52’28”W.; to lat. 45°53’08”N., long. 104°33’46”W.;to the point of beginning.
Altitudes. 12,000 feet MSL to, but not including FL 180.
Times of Use. By NOTAM 4 hours in advance. LFE only.
Controlling Agency. FAA, Salt Lake ARTCC.
Using Agency. U.S. Air Force, 28th Bomb Wing, Ellsworth AFB, SD.

ADDED 09/17/15

Gap B Low MOA, MT
Boundaries. Beginning at lat. 46°08’55”N., long. 105°27’23”W.; counter clockwise along the Miles City VOR/DME 25 NM arc; to lat. 46°18’07”N., long. 105°21’48”W.; to lat. 46°03’21”N., long. 104°31’24”W.; to lat. 45°52’07”N., long. 103°44’36”W.; to lat. 45°35’42”N., long. 103°01’21”W.; to lat. 45°29’36”N., long. 103°02’33”W.; to lat. 45°29’05”N., long. 103°17’10”W.; to lat. 45°37’48”N., long. 103°52’28”W.; to lat. 45°53’08”N., long. 104°33’46”W.; to the point of beginning.
Altitudes. 500 feet AGL to, but not including 12,000 feet MSL, excluding the airspace 1,500 feet AGL and below within a 3-NM radius of Ekalaka Airport, MT, and Harding County Airport, SD.
Times of Use. By NOTAM 4 hours in advance. LFE only.
Controlling Agency. FAA, Salt Lake ARTCC.
Using Agency. U.S. Air Force, 28th Bomb Wing, Ellsworth AFB, SD.

ADDED 09/17/15

Gap C High MOA, ND
Boundaries. Beginning at lat. 46°22’22”N., long. 102°56’07”W.; counter clockwise along the Dickinson VORTAC 30 NM arc; to lat. 46°21’47”N., long. 102°41’42”W.; to lat. 45°48’35”N., long. 102°44’37”W.; to lat. 45°30’13”N., long. 102°44’07”W.; to lat. 45°29’36”N., long. 103°02’33”W.; to lat. 45°35’42”N., long. 103°01’21”W.; to lat. 45°47’47”N., long. 102°59’01”W.; to the point of beginning.
Altitudes. 12,000 feet MSL to, but not including FL 180.
Times of Use. By NOTAM 4 hours in advance. LFE only.
Controlling Agency. FAA, Minneapolis ARTCC.
Using Agency. U.S. Air Force, 28th Bomb Wing, Ellsworth AFB, SD.

ADDED 09/17/15

Gladden 1 MOA, AZ
Boundaries. Beginning at lat. 34°28'35"N., long. 112°53'43"W.; to lat. 34°10'10"N., long. 112°35'48"W.; thence via the 39 NM DME arc of the Luke TACAN to lat. 33°38'35"N., long. 113°09'03"W.; to lat. 33°56'40"N., long. 114°00'03"W.; to lat. 34°10'00"N., long. 114°00'03"W.; to the point of beginning.
Altitudes. 7,000 feet MSL or 5,000 feet AGL, whichever is higher, to but not including FL 180.
Times of use. 0600-1900 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. U.S. Air Force, 56th Fighter Wing, Luke AFB, AZ.

USING AGENCY CHANGED 03/20/03

Goose North MOA, OR
Boundaries. Beginning at lat. 42°13’30”N., long. 121°11’53”W.; to lat. 42°18’22”N., long. 120°37’30”W.; to lat. 41°47’00”N., long. 120°28’00”W.; to lat. 41°25’00”N., long. 120°59’00”W.; to lat. 41°51’03”N., long. 121°22’34”W.; thence to the point of beginning.
Altitudes. 3000 feet AGL to but not including FL 180.
Times of use. 0700-1900 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Seattle ARTCC.
Using agency. ANG, 173rd Tactical Fighter Wing, Kingsley Field, Klamath Falls.

ADDED 04/18/02

Goose South MOA, OR
Boundaries. Beginning at lat. 41°25’00”N., long. 120°59’00”W.; to lat. 41°47’00”N., long. 120°28’00”W.; to lat. 41°12’00”N., long. 120°18’00”W.; to lat. 41°03’00”N., long. 120°40’00”W.; thence to the point of beginning.
Altitudes. 10,000 feet MSL to but not including FL 180 (not lower than 3000 AGL). Seattle ARTCC may limit MOA floor to 11,000 MSL.
Times of use. 0700-1900 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Seattle ARTCC.
Using agency. ANG, 173rd Tactical Fighter Wing, Kingsley Field, Klamath Falls.

ADDED 04/18/02

Gray MOA, TX
Boundaries. Beginning at lat. 31°19'01"N., long. 98°03'01"W.; to lat. 31°16'01"N., long. 97°54'01"W.; to lat. 31°09'01"N., long. 97°55'01"W.; to the point of beginning.
Altitudes. 2,000 feet MSL to 10,000 feet MSL.

Times of use. 0700-1900, Monday-Friday, other times by NOTAM.
Controlling agency. FAA, Houston ARTCC.
Using agency. U.S. Army, Commanding General, III Corps and Fort Hood, Fort Hood, TX.

ADDED 01/30/97

Hackett MOA, LA
Boundaries. Beginning at lat. 32°12'00"N., long. 92°23'40"W.; to lat. 31°50'31"N., long. 92°55'26"W.; to ,m lat. 31°45'00"N., long. 93°04'26"W.; to lat. 31°51'02"N., long. 93°12'16"W.; to lat. 32°09'00"N., long. 93°36'00"W.; to lat. 32°19'00"N., long. 93°09'00"W.; to lat. 32°23'00"N., long. 92°34'00"W.; to the point of beginning.
Altitudes. 7,000 feet MSL to but not including FL 180; excluding airspace below 10,000' MSL within the following area: Beginning at lat. 31°50'31"N., long. 92°55'26"W.; to lat. 31°45'00"N., long. 93°04'26"W.; to lat. 31°51'02"N., long. 93°12'16"W.; to the point of beginning.
Times of use. 0730-2200 local time, Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Fort Worth ARTCC.
Using Agency. U.S. Air Force, 307th Bomb Wing, Barksdale Air Force Base, LA.

USING AGENCY CHANGE 04/30/15

Hart A MOA, OR
Boundaries. Beginning at lat. 42°40'00"N., long. 120°18'04"W.; to lat. 42°40'00"N., long. 119°10'04"W.; to lat. 42°26'00"N., long. 119°13'34"W.; to lat. 42°26'00"N., long. 120°13'06"W.; to the point of beginning.
Altitudes. 11,000 feet MSL to but not including FL 180.
Times of Use. Intermittent by NOTAM.
Controlling Agency. FAA, Seattle ARTCC.
Using Agency. USAF, 173 FW, Kingsley Field, Klamath Falls. OR.

ADDED 12/07/17

Hart B MOA, OR
Boundaries. Beginning at lat. 42°26'00"N., long. 120°13'06"W.; to lat. 42°26'00"N., long. 119°13'34"W.; to lat. 41°30'00"N., long. 119°27'04"W.; to lat. 41°30'00"N., long. 119°55'04"W.; to the point of beginning.
Altitudes. 11,000 feet MSL to but not including FL 180.
Times of Use. Intermittent by NOTAM.
Controlling Agency. FAA, Seattle ARTCC.
Using Agency. USAF, 173 FW, Kingsley Field, Klamath Falls. OR.

ADDED 12/07/17

Hart C MOA, OR
Boundaries. Beginning at lat. 42°40’00”N., long. 119°10’04”W.; to lat. 42°40’00”N., long. 118°43’53”W.; to lat. 42°26’00”N., long. 118°43’53”W.; to lat. 42°26’00”N., long. 119°13’34”W.; to the point of beginning.
Altitudes. 11,000 feet MSL to but not including FL 180.
Times of Use. Intermittent by NOTAM.
Controlling Agency. FAA, Seattle ARTCC.
Using Agency. USAF, 173 FW, Kingsley Field, Klamath Falls. OR.

ADDED 12/07/17

Hart D MOA, OR
Boundaries. Beginning at lat. 42°26’00”N., long. 119°13’34”W.; to lat. 42°26’00”N., long. 118°43’53”W.; to lat. 42°22’34”N., long. 118°43’53”W.; to lat. 41°52’44”N., long. 118°52’07”W.; to lat. 41°30’00”N., long. 119°18’36”W.; to lat. 41°30’00”N., long. 119°27’04”W.; to the point of beginning.
Altitudes. 11,000 feet MSL to but not including FL 180.
Times of Use. Intermittent by NOTAM.
Controlling Agency. FAA, Seattle ARTCC.
Using Agency. USAF, 173 FW, Kingsley Field, Klamath Falls. OR.

ADDED 12/07/17

Hart E MOA, OR
Boundaries. Beginning at lat. 41°30’00”N., long. 119°55’04”W.; to lat. 41°30’00”N., long. 119°27’04”W.; to lat. 41°30’00”N., long. 119°18’36”W.; to lat. 41°10’00”N., long. 119°41’40”W.; to lat. 41°10’00”N., long. 119°47’30”W.; to the point of beginning.
Altitudes. 11,000 feet MSL to but not including FL 180.
Times of Use. Intermittent by NOTAM.
Controlling Agency. FAA, Seattle ARTCC.
Using Agency. USAF, 173 FW, Kingsley Field, Klamath Falls. OR.

ADDED 12/07/17

Hart F MOA, OR
Boundaries. Beginning at lat. 41°52’44”N., long. 118°52’07”W.; to lat. 41°30’00”N., long. 118°58’19”W.; to lat. 41°10’00”N., long. 119°23’36”W.; to lat. 41°10’00”N., long. 119°41’40”W.; to lat. 41°30’00”N., long. 119°18’36”W.; to the point of beginning.
Altitudes. 11,000 feet MSL to but not including FL 180.

Times of Use. Intermittent by NOTAM.
Controlling Agency. FAA, Seattle ARTCC.
Using Agency. USAF, 173 FW, Kingsley Field, Klamath Falls. OR.

ADDED 12/07/17

Hatteras F MOA, NC
Boundaries. Beginning at lat. 34°35'01"N., long. 77°27'59"W.; to lat. 34°34'46"N., long. 77°22'59"W.; to lat. 34°33'01"N., long. 77°18'59"W.; to lat. 34°30'21"N., long. 77°15'49"W.; thence along the 3 NM territorial limit to lat. 34°23'31"N., long. 77°29'59"W.; to lat. 34°28'31"N., long. 77°35'29"W.; to the point of beginning.
Altitudes. 3,000 feet to 13,000 feet MSL.
Times of use. 0700-2200 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Washington ARTCC.
Using agency. USMC, Commanding Officer, U.S. Marine Corps Air Station Cherry Point, NC.

USING AGENCY CHANGED 04/10/08

Hawg North MOA, GA
Boundaries. Beginning at lat. 31°22’59”N., long. 83°09’40”W.; to lat. 31°18’41”N., long. 82°44’35”W.; to lat. 31°13’01’N., long. 82°39’00”W.; to lat. 30°57’01”N., long. 82°39’00”W.; to lat. 30°57’01”N., long. 83°08’29”W.; to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.
Times of use. 0700-0200 Monday-Friday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, 23rd Wing, Moody AFB, GA.

ADDED 08/17/17

Hawg South MOA, GA
Boundaries. Beginning at lat. 30°57’01”N., long. 83°08’29”W.; to lat. 30°57’01”N., long. 82°39’00”W.; to lat. 30°35’01”N., long. 82°38’59”W.; to lat. 30°36’21”N., long. 83°07’32”W.; to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.
Times of use. 0700-0200 Monday-Friday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, 23rd Wing, Moody AFB, GA.

ADDED 08/17/17

Hays MOA, MT
Boundaries. Beginning at lat. 48°13'00"N., long. 110°00'03"W.; to lat. 48°22'00"N., long. 109°22'03"W.; to lat. 48°05'00"N., long. 107°00'02"W.; to lat. 47°30'00"N., long. 107°00'02"W.; to lat. 47°30'00"N., long. 110°00'03"W.; to the point of beginning.
Altitudes. 300 feet AGL to but not including FL 180.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Salt Lake City ARTCC.
Using agency. 120 Fighter Interceptor Group, Air National Guard, Great Falls International Airport, Great Falls, MT

Hersey MOA, MI
Boundaries. Beginning at lat. 44°00'00"N., long. 85°33'00"W.; to lat. 44°00'00"N., long. 85°10'00"W.; to lat. 43°30'00"N., long. 85°00'00"W.; to lat. 43°30'00"N., long. 85°30'00"W.; thence to the point of beginning.
Altitudes. 5,000 feet MSL up to, but not including FL 180.
Times of use. 0900-1100, 1300-1500 and 1800-2200, Tuesday-Friday; other times by NOTAM.
Controlling agency. FAA, Minneapolis ARTCC.
Using Agency. U.S. Air Force, Alpena Combat Readiness Training Center (CRTC), Alpena, MI.

USING AGENCY CHANGED 07/29/10

High Plains MOA, KS
Boundaries. Beginning at lat. 38°47'30"N., long. 099°16'30"W.; to lat. 38°47'30"N., long. 098°49'31"W.; to lat. 38°33'30"N., long. 099°09'01"W.; to lat. 38°16'00"N., long. 098°25'01"W.; at lat. 38°23'15"N., long. 098°18'01"W.; to lat. 38°24'13"N., long. 098°14'30"W.; to lat. 38°27'20"N., long. 098°02'46"W.; to lat. 38°27'20"N., long. 097°50'01"W.; at lat. 38°39'45"N., long. 097°46'01"W.; to lat. 38°11'30"N., long. 097°46'00"W.; to lat. 38°11'30"N., long. 099°16'30"W.; to the point of beginning.
Altitudes. 10,000 feet MSL to, but not including, FL 180.
Times of use. Intermittent by NOTAM 48 hours in advance.
Controlling agency. FAA, Kansas City ARTCC.
Using agency. U.S. Air Force, 138th Fighter Wing, Tulsa ANGB, OK.

ADDED 02/25/21

Hill MOA, VA
Boundaries. Beginning at lat. 38°04'37"N., long. 77°18'44"W.; thence along U.S. Route 301; to lat. 38°08'01"N., long. 77°14'03"W.; to lat. 38°10'08"N., long. 77°16'06"W.; to lat. 38°14'00"N., long. 77°19'04"W.; to lat. 38°10'30"N., long. 77°22'44"W.; to lat. 38°04'45"N., long. 77°20'59"W.; to the point of beginning.
Altitudes. Surface to and including 3,000 feet MSL.

Times of use. Sunrise to sunset.
Controlling agency. FAA, Potomac Approach.
Using Agency. U.S. Army, Fort A. P. Hill, Bowling Green, VA.

CONTROLLING AGENCY CHANGED 05/15/03

Hill Top MOA, IN
Boundaries. Beginning t lat. 40°59'00"N., long. 86°43'00"W.; to lat. 40°57'30"N., long. 86°26'30"W.; to lat. 40°53'00"N., long. 86°09'00"W.; to lat. 40°35'30"N., long. 86°09'30"W.; to lat. 40°25'00"N., long. 86°14'00"W.; to lat. 40°23'00"N., long. 86°26'00"W.; to lat. 40°40'30"N., long. 86°53'00"W.; to the point of beginning.
Altitudes. 10,000 feet MSL to but not including FL 180.
Times of use. 0800-1900 Tuesday-Saturday; other times by NOTAM.
Controlling agency. FAA, Chicago ARTCC.
Using Agency. 122 Fighter Wing, Indiana Air National Guard, Fort Wayne, IN.

USING AGENCY CHANGED 07/29/10

Hog A MOA, AR
Boundaries. Beginning at lat. 35°15’16”N., long. 94°17’28”W.; to lat. 35°13’50”N., long. 94°15’01”W.; to lat. 35°13’50”N., long. 94°12’01”W.; to lat. 35°11’35”N., long. 94°12’01”W.; thence east along Arkansas State Highway 10 to lat. 35°10’03”N., long. 94°01’01”W.; to lat. 35°15’00”N., long. 94°01’01”W.; to lat. 35°05’00”N., long. 93°34’01”W.; to lat. 34°51’00”N., long. 93°25’01”W.; to lat. 34°38’12”N., long. 93°31’18”W.; to lat. 34°41’30”N., long. 93°45’53”W.; to lat. 34°40’58”N., long. 93°50’18”W.; to lat. 34°47’19”N., long. 94°26’52”W.; to lat. 34°55’00”N., long. 94°23’08”W.; to lat. 35°05’31”N., long. 94°17’57”W.; to lat. 35°13’42”N., long. 94°18’49”W.; to the point of beginning, excluding that airspace at and below 1,500 feet AGL within a 3-NM radius of the Booneville Municipal Airport and the Waldron Municipal Airport, and excluding R-2402B when active.
Altitudes. 100 feet AGL to, but not including, FL180.
Times of use. By NOTAM.
Controlling agency. FAA, Memphis ARTCC.
Using agency. U.S. Air Force, 188th Wing, Fort Smith, AR.

ADDED 06/22/17

Hog B MOA, AR
Boundaries. Beginning at lat. 34°47’19”N., long. 94°26’52”W.; to lat. 34°40’58”N., long. 93°50’18”W.; to lat. 34°41’30”N., long. 93°45’53”W.; to lat. 34°38’12”N., long. 93°31’18”W.; to lat. 34°22’30”N., long. 93°39’01”W.; to lat. 34°22’30”N., long. 94°00’01”W.; to lat. 34°30’00”N., long. 94°23’01”W.; to lat. 34°42’00”N., long. 94°30’01”W.; to the point of beginning, excluding that airspace below 6,000 feet MSL west of a line drawn from lat.

34°40’58”N., long. 93°50’18”W. to lat. 34°22’30”N., long. 94°00’01”W., and excluding that airspace at and below 1,500 feet AGL within a 3 NM radius of the Bearce Airport.
Altitudes. 100 feet AGL to, but not including, FL180.
Times of use. By NOTAM.
Controlling agency. FAA, Memphis ARTCC.
Using agency. U.S. Air Force, 188th Wing, Fort Smith, AR.

ADDED 06/22/17

Hollis MOA, OK
Boundaries. Beginning a lat. 35°16'53"N., long. 99°42'09"W.; to lat. 34°55'15"N., long. 99°23'16"W.; to lat. 34°31'46"N., long. 99°50'24"W.; to lat. 34°45'29"N., long. 100°22'46"W.; to lat. 35°03'30"N., long. 100°10'01"W.; to the point of beginning.
Altitudes. From 11,000 feet MSL up to but not including FL 180.
Times of use. One hour before sunrise to one hour after sunset, Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Fort Worth ARTCC.
Using agency. 80th Flying Training Wing, Sheppard AFB, Wichita Falls, TX.

BOUNDARIES CHANGED 02/09/89

Hood MOA, TX
Boundaries. Beginning at lat. 31°30'01"N., long. 98°03'01"W.; to lat. 31°30'01"N., long. 97°36'41"W.; to lat. 31°28'01"N., long. 97°34'31"W.; to lat. 31°14'01"N., long. 97°33'01"W.; to lat. 31°20'01"N., long. 97°41'01"W.; to lat. 31°21'01"N., long. 97°41'01"W.; to lat. 31°22'08"N., long. 97°41'56"W.; to lat. 31°23'01"N., long. 97°43'01"W.; to lat. 31°24'01"N., long. 97°48'01"W.; to lat. 31°19'01"N., long. 97°51'01"W.; to lat. 31°16'01"N., long. 97°54'01"W.; to lat. 31°19'01"N., long. 98°03'01"W.; to the point of beginning.
Altitudes. 2,000 feet MSL to and including 10,000 feet MSL.
Times of use. 0700-1900, Monday-Friday, other times by NOTAM.
Controlling agency. FAA, Houston ARTCC.
Using agency. U. S. Army, Commanding General, III Corps and Fort Hood, Fort Hood, TX.

BOUNDARIES AND TIMES OF USE CHANGED 01/30/97

Hood High MOA, TX
Boundaries. Beginning at lat. 31°30’01”N., long. 98°03’01”W.; to lat. 31°30’01”N., long. 97°36’41”W.; to lat. 31°28’01”N., long. 97°34’31”W.; to lat. 31°14’01”N., long. 97°33’01”W.; to lat. 31°20’01”N., long. 97°41’01”W.; to lat. 31°21’01”N., long. 97°41’01”W.; to lat. 31°22’08”N., long. 97°41’56”W.; to lat. 31°23’01”N., long. 97°43’01”W.; to lat. 31°24’01”N., long. 97°48’01”W.; to lat. 31°19’01”N., long. 97°51’01”W.; to lat. 31°16’01”N., long. 97°54’01”W.; to lat. 31°09’01”N., long. 97°55’01”W.; to lat. 31°19’01”N., long. 98°03’01”W.; to the point of beginning.

Altitudes. 10,000 feet MSL to but not including FL 180, excluding Hood MOA and Gray MOA when active.
Times of use. By NOTAM, 48 hours in advance.
Controlling agency. FAA, Houston ARTCC.
Using agency. U.S. Army, Commanding General, III Corps and Fort Hood, Fort Hood, TX.

ADDED 02/09/12

Howard East MOA, IL
Boundaries. Beginning at lat. 40º33’30”N., long. 90º52’00”W.; to lat. 40º37’00”N., long. 90º33’00”W.; to lat. 40º30’00”N., long. 89º53’00”W.; to lat. 39º59’00”N., long. 89º51’00”W.; to lat. 39º57’00”N., long. 91º07’01”W.; to the point of beginning.
Altitudes. 9,000 feet MSL to but not including FL 180.
Times of use. 0700-2200 Sunday-Saturday; other times by NOTAM.
Controlling agency. FAA, Kansas City ARTCC.
Using Agency. Air National Guard, 126th Air Refueling Wing, Scott Air Force Base, IL.

USING AGENCY CHANGED 10/15/15

Howard West MOA, IL
Boundaries. Beginning at lat. 40º30’00”N., long. 91º12’01”W.; to lat. 40º33’30”N., long. 90º52’00”W.; to lat. 39º57’00”N., long. 91º07’01”W.; to lat. 39º57’00”N., long.91º12’01”W.; to the point of beginning.
Altitudes. 10,000 feet MSL to but not including FL 180.
Times of use. 0700-2200 Sunday-Saturday; other times by NOTAM.
Controlling agency. FAA, Kansas City ARTCC.
Using Agency. Air National Guard, 126th Air Refueling Wing, Scott Air Force Base, IL.

USING AGENCY CHANGED 10/15/15

Hunter High MOA, CA
Boundaries. Beginning at lat. 36°07'00"N., long. 121°30'04"W.; to lat. 36°07'00"N., long. 121°11'04"W.; to lat. 36°03'30"N., long. 121°06'44"W.; to lat. 35°39'40"N., long.120°43'24"W.; to lat. 35°33'50"N., long. 120°44'44"W.; to lat. 35°29'00"N., long. 120°58'34"W.; to lat. 35°26'20"N., long. 121°03'24"W.; thence northward 3 NM offshore to lat. 36°07'00"N., long. 121°41'04"W.; to the point of beginning.
Altitudes. From 11,000 feet MSL up to but not including FL 180.
Times of use. Intermittent - by NOTAM only.
Controlling agency. FAA, Oakland ARTCC.
Using agency. Commander, Strike Fighter Wing Pacific Fleet, Naval Air Station, Lemoore, CA.

USING AGENCY CHANGED 04/25/96

Hunter Low A MOA, CA
Boundaries. Beginning at lat. 36°07'00"N., long. 121°30'04"W.; to lat. 36°07'00"N., long. 121°11'04"W.; to lat. 36°03'30"N., long. 121°06'44"W.; to lat. 35°39'40"N., long.120°43'24"W.; to lat. 35°45'00"N., long. 121°12'04"W.; to lat. 35°41'40"N., long. 121°15'34"W.; to the point of beginning excluding Restricted Area R-2513.
Altitudes. From 200 feet AGL up to but not including 11,000 feet MSL.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Oakland ARTCC.
Using agency. Commander, Strike Fighter Wing Pacific Fleet, Naval Air Station, Lemoore, CA.

TIMES OF USE CHANGED 02/04/93

Hunter Low B MOA, CA
Boundaries. Beginning at lat. 35°39'40"N., long. 120°43'24"W.; to lat. 35°33'50"N., long. 120°44'44"W.; to lat. 35°29'00"N., long. 120°58'34"W.; to lat. 35°43'38"N., long. 121°04'39"W.; to the point of beginning.
Altitudes. From 2,000 feet AGL up to but not including 11,000 feet MSL.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Oakland ARTCC.
Using agency. Commander, Strike Fighter Wing Pacific Fleet, Naval Air Station, Lemoore, CA.

USING AGENCY CHANGED 04/25/96

Hunter Low C MOA, CA
Boundaries. Beginning at lat. 35°45'00"N., long. 121°12'04"W.; to lat. 35°43'38"N., long. 121°04'39"W.; to lat. 35°29'00"N., long. 120°58'34"W.; to lat. 35°41'40"N., long. 121°15'34"W.; to the point of beginning.
Altitudes. From 3,000 feet AGL up to but not including 11,000 feet MSL.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Oakland ARTCC.
Using agency. Commander, Strike Fighter Wing Pacific Fleet, Naval Air Station, Lemoore, CA.

USING AGENCY CHANGED 04/25/96

Hunter Low D MOA, CA
Boundaries. Beginning at lat. 36°07'00"N., long. 121°41'04"W.; to lat. 36°07'00"N., long. 121°30'04"W.; to lat. 35°41'40"N., long. 121°15'34"W.; to lat. 35°39'00"N., long.121°20'04"W.; thence northward 3 NM offshore to the point of beginning.
Altitudes. From 1,500 feet AGL to 6,000 feet MSL.

Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Oakland ARTCC.
Using agency. Commander, Strike Fighter Wing Pacific Fleet, Naval Air Station, Lemoore, CA.

USING AGENCY CHANGED 04/25/96

Hunter Low E MOA, CA
Boundaries. Beginning at lat. 35°39'00"N., long. 121°20'04"W.; to lat. 35°41'40"N., long. 121°15'34"W.; to lat. 35°29'00"N., long. 120°58'34"W.; to lat. 35°26'20"N., long. 121°03'24"W.; thence northward 3 NM offshore to the point of beginning.
Altitudes. From 1,500 feet AGL to 3,000 feet MSL.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Oakland ARTCC.
Using agency. Commander, Strike Fighter Wing Pacific Fleet, Naval Air Station, Lemoore, CA.

USING AGENCY CHANGED 04/25/96

Isabella MOA, CA
Boundaries. Beginning at lat. 36°08'00"N., long. 118°35'03"W.; to lat. 36°08'00"N., long. 117°53'03"W.; thence south and east along the boundary of R-2505 to lat. 35°39'15"N., long. 117°29'26"W.; to lat. 35°21'00"N., long. 117°38'33"W.; to lat. 35°19'20"N., long.117°38'33"W.; thence along the western boundary of R-2515 to lat. 34°49'40"N., long.118°05'48"W.; to lat. 34°48'00"N., long. 118°05'48"W.; to lat. 34°51'00"N., long. 118°14'03"W.; to lat. 34°56'00"N., long. 118°21'03"W.; to lat. 35°15'00"N., long. 118°35'03"W.; to the point of beginning.
Altitudes. 200 feet AGL to but not including FL 180. Excluding that airspace up to and including 3,000 feet AGL over Domeland Wilderness Area; and excluding that airspace up to and including 1,500 feet AGL within a 3 NM radius of the following airports: Rosamond, California City, Mountain Valley, Tehachapi Kern County, Inyokern-Kern County, Kelso Valley Ranch, Flying S Ranch, Kern Valley; and excluding that airspace up to and including 4,800 feet MSL within a 4.3 NM radius of Mojave Airport excluding that airspace east and parallel to a line 1/2-mile west of R-2515.
Times of use. 0600-2200 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Joshua Control Facility, Edwards AFB, CA.
Using agency. R-2508 Complex Control Board.

ALTITUDES CHANGED 07/19/18

Jackal MOA, AZ
Boundaries. Beginning at lat. 32°40'30"N., long. 110°30'00"W.; to lat. 33°45'00"N., long. 110°30'00"W.; to lat. 34°00'00"N., long. 109°34'00"W.; to lat. 32°54'30"N., long.109°34'00"W.; to lat. 32°30'00"N., long. 109°44'00"W.; to the point of beginning.
Altitudes. 11,000 feet MSL or 3,000 feet AGL whichever is higher to but not including FL 180.

Times of use. 0700-1800 Monday-Friday; 1800-2200 Monday-Friday by NOTAM; intermittent weekends by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. U.S. Air Force, Commander, 162nd Fighter Group, Air National Guard, Tucson, AZ.

ADDED 09/16/93

Jackal Low MOA, AZ
Boundaries. Beginning at lat. 32°40'17"N., long. 110°29'04"W.; thence counterclockwise via the 70 DME arc of the Willie (IWA) VORTAC to lat. 33°03'13"N., long. 110°17'34"W.; to lat. 33°00'00"N., long. 110°00'00"W.; to lat. 32°46'53"N., long. 109°47'00"W.; to lat. 32°32'23"N., long. 109°54'19"W.; to the point of beginning.
Altitudes. 100 feet AGL to but not including 11,000 feet MSL or 3,000 feet AGL whichever is higher; excluding the airspace from the surface to 1,500 feet AGL within a 3 NM radius of the Flying J Ranch Airport (lat. 32°50'52"N., long. 109°52'54"W.).
Times of use. 0700-1800 Monday-Friday; 1800-2200 Monday-Friday by NOTAM; intermittent weekends by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. U.S. Air Force, Commander, 162nd Fighter Group, Air National Guard, Tucson, AZ.

ADDED 09/16/93

Jarbidge North MOA, ID
Boundaries. Beginning at lat. 42°53’00”N., long. 115°24’15”W.; to lat. 42°53’00”N., long. 115°23’00”W.; to lat. 42°39’50”N., long. 115°02’00”W.; to lat. 42°00’00”N., long. 115°02’00”W.; to lat. 42°00’00”N., long. 116°00’00”W.; to lat. 42°45’00”N., long. 116°00’00”W.; to lat. 42°45’00”N., long. 115°42’20”W.; to lat. 42°36’00”N., long. 115°42’20”W.; to lat. 42°36’00”N., long. 115°24’15”W.; to the point of beginning. Excluding that airspace (1) 1500 feet AGL and below within a 3NM radius of the Grasmere Airport, ID centered at lat. 42°22’00”N., long. 115°53’03”W.; (2) 2000 feet AGL and below beginning at lat. 42°07’00”N., long. 115°02’00”W.; to lat. 42°00’00”N., long. 115°02’00”W.; to lat. 42°00’00”N., long. 115°26’00”W.; to lat. 42°04’00”N., long. 115°26’00”W.; to lat. 42°07’00”N., long. 115°20’00”W.; to the point of beginning (3) 500 feet AGL and below beginning at lat. 42°45’00”N., long. 116°00’00”W.; to lat. 42°45’00”N., long. 115°46’40”W.; to lat. 42°39’00”N., long. 116°00’00”W.; to the point of beginning.
Altitudes. 100 feet AGL to 17,999 feet MSL.
Times of Use. 0730-2200 mountain time Monday-Friday; other times by NOTAM (Expected use 230 days/year, 12 hours/day).
Controlling Agency. FAA, Salt Lake City, ARTCC.
Using Agency. USAF, Commander, 366th Fighter Wing, Mountain Home, AFB, ID

TIMES OF USE CHANGED 08/22/13

Jarbidge South MOA, NV
Boundaries. Beginning at lat. 42°00'00"N., long. 116°00'00"W.; to lat. 42°00'00"N., long. 115°02'00"W.; to lat. 41°47'00"N., long. 115°13'00"W.; to lat. 41°26'12"N., long. 116°00'00"W.; to the point of beginning.
Altitudes. 3,000 feet AGL or 10,000 feet MSL whichever is higher up to 17,999 feet MSL.
Times of Use. 0730-2200 mountain time Monday-Friday; other times by NOTAM (Expected use 230 days/year, 12 hours/day).
Controlling Agency. FAA, Salt Lake City, ARTCC.
Using Agency. USAF, Commander, 366th Fighter Wing, Mountain Home, AFB, ID.

TIMES OF USE CHANGED 08/22/13

Jena MOA, LA
Boundaries. Beginning at lat. 31°47'41"N., long. 92°58'31"W.; to lat. 32°11'46"N., long. 92°23'41"W.; to lat. 32°04'31"N., long. 91°56'30"W.; to lat. 32°00'01"N., long. 91°55'00"W.; to lat. 31°38'00"N., long. 92°15'44"W.; to lat. 31°38'00"N., long. 92°34'12"W.; to the point of beginning.
Altitudes. 100 feet AGL to 5,000 feet MSL. Excluding that airspace at and below 1,500 feet AGL within a 3-nautical mile radius of: David G. Joyce Airport (OR5), Winnfield, LA (lat. 31°57'49"N., long. 92°39'37"W.); Olla Airport (LA32), Olla, LA (lat. 31°53'44"N., long. 92°13'04"W.); Columbia Airport (F86), Columbia, LA (lat. 32°07'20"N., long. 92°03'10"W.); Jena Airport (1R1), Jena, LA (lat. 31°40'16"N., long. 92°09'31"W.).
Times of use. 0800-2200 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Houston ARTCC.
Using Agency. U.S. Air Force, 307th Bomb Wing, Barksdale Air Force Base, LA.

ADDED 04/30/15

JPG A MOA, IN
Boundaries. Beginning at let. 38°39'00"N., long. 85°56'00"W., to lat. 38°39'00"N., long. 86°05'13"W., to lat. 38°46'00"N., long. 86°13'00"W., to lat. 38°50'34"N., long. 86°00'53"W., to lat. 38°53'57"N., long. 85°51'51"W.; to lat. 39°01'00"N., long. 85°33'00"W., to lat. 39°02'05"N., long. 85°30'00"W., to lat. 39°02'57"N., long. 85°27'42"W., to lat. 38°55'00"N., long. 85°27'42"W., to lat. 38°50'00"N., long. 85°27'42"W., to lat. 38°48'00"N., long. 85°33'00"W., to lat. 38°42'38"N., long. 85°46'51"W.; to lat. 38°40'17"N., long. 85°52'43"W., to the point of beginning.
Designated altitudes. 500' AGL up to but not including 6,000' MSL; excluding the airspace from the surface to but not including 4,000 feet MSL beginning at lat. 38° 39' 00"N., long. 85°56'00"W.; to lat. 38°39'00"N., long. 86°05'13"W.; to lat. 38°46'00"N., long. 86° 13'00"W.; to lat. 38°50'34"N., long. 86°00'53"W.; to lat. 38°53'57"N., long. 85°51'51"W.; thence south, southeast along the Louisville and Indiana railroad tracks; to lat. 38°42'38"N., long. 85°46'51"W.; to lat. 38°40'17"N., long. 85°52'43"W.; to point of beginning.

Time of designation. 0800-2300 local time daily; other times by NOTAM; JPG A MOA activated in conjunction with the Jefferson Gunnery Range.
Controlling agency. FAA, Indianapolis ARTCC.
Using agency. HQ IN ANG Det 2, Madison, IN.

ADDED 08/03/06

JPG B MOA, IN
Boundaries. Beginning at lat. 38°40'17"N., long. 85°52'43"W., to lat. 38°50'34"N., long. 86°00'53"W., to lat. 38°53'57"N., long. 85°51'51"W.; to lat. 39°01'00"N., long. 85°33'00"W., to lat. 38°48'00"N., long. 85°33'00"W., to lat. 38°42'38"N., long. 85°46'51"W.; to the point of beginning.
Designated altitudes. 6,000' MSL up to but not including FL 180.
Time of designation. 0800-2300 local time daily; other times by NOTAM; JPG B MOA activated in conjunction with the Jefferson Gunnery Range.
Controlling agency. FAA, Indianapolis ARTCC.
Using agency. HQ IN ANG Det 2, Madison, IN.

ADDED 08/03/06

JPG C MOA, IN
Boundaries. Beginning at lat. 38°48'00"N., long. 85°33'00"W., to lat. 39°01'00"N., long. 85°33'00"W., to lat. 39°02'05"N., long. 85°30'00"W., to lat. 38°57'30"N., long. 85°30'00"W., to lat. 38°55'00"N., long. 85°27'42"W., to lat. 38°50'00"N., long. 85°27'42"W., to the point of beginning.
Designated altitudes. 6,000' MSL up to but not including FL 180.
Time of designation. 0800-2300 local time daily; other times by NOTAM; JPG C MOA activated in conjunction with the Jefferson Gunnery Range.
Controlling agency. FAA, Indianapolis ARTCC.
Using agency. HQ IN ANG Det 2, Madison, IN.

ADDED 08/03/06

JPG D MOA, IN
Boundaries. Beginning at lat. 39°01'00"N., long. 85°33'00"W., to lat. 39°10'00"N., long. 85°33'00"W., to lat. 39°12'00"N., long. 85°29'00"W., to lat. 39°10'00"N., long. 85°22'00"W., to lat. 39°02'00"N., long. 85°22'00"W., to lat. 39°02'57"N., long. 85°27'42"W., to lat. 39°02'05"N., long. 85°30'00"W., to the point of beginning.
Designated altitudes. 500' AGL up to but not including 4,000' MSL.
Time of designation. 0800-2300 local time daily; other times by NOTAM; JPG D MOA activated in conjunction with the Jefferson Gunnery Range.
Controlling agency. FAA, Indianapolis ARTCC.
Using agency. HQ IN ANG Det 2, Madison, IN.

ADDED 08/03/06

Juniper A MOA, OR
Boundaries. Beginning at lat. 43°55'59"N., long. 120°44'04"W.; to lat. 43°57'05"N., long. 120°26'24"W.; to lat. 43°50'30"N., long. 120°07'48"W.; to lat. 43°21'00"N., long.120°31'48"W.; to the point of beginning.
Altitudes. 11,000 feet to but not including FL 180.
Times of Use. Intermittent by NOTAM.
Controlling Agency. FAA, Seattle ARTCC.
Using Agency. USAF, 173 FW, Kingsley Field, Klamath Falls. OR.

ADDED 12/07/17

Juniper B MOA, OR
Boundaries. Beginning at lat. 43°21'00"N., long. 120°31'48"W.; to lat. 43°50'30"N., long. 120°07'48"W.; to lat. 43°38'00"N., long. 119°34'04"W.; to lat. 42°40'00"N., long. 119°10'04"W.; to lat. 42°40'00"N., long. 120°18'04"W.; to the point of beginning.
Altitudes. 11,000 feet MSL to but not including FL 180.
Times of Use. Intermittent by NOTAM.
Controlling Agency. FAA, Seattle ARTCC.
Using Agency. USAF, 173 FW, Kingsley Field, Klamath Falls. OR.

BOUNDARIES CHANGED 02/01/18

Juniper C MOA, OR
Boundaries. Beginning at lat. 43°38’00”N., long. 119°34’04”W.; to lat. 43°33’19”N., long. 119°20’17”W.; to lat. 43°26’41”N., long. 119°09’26”W.; to lat. 43°10’08”N., long. 118°59’03”W.; to lat. 43°10’08”N., long. 119°22’26”W.; to the point of beginning.
Altitudes. 11,000 feet MSL to but not including FL 180.
Times of Use. Intermittent by NOTAM.
Controlling Agency. FAA, Seattle ARTCC.
Using Agency. USAF, 173 FW, Kingsley Field, Klamath Falls. OR.

ADDED 12/07/17

Juniper D MOA, OR
Boundaries. Beginning at lat. 43°10’08”N., long. 119°22’26”W.; to lat. 43°10’08”N., long. 118°59’03”W.; to lat. 42°46’00”N., long. 118°43’53”W.; to lat. 42°40’00”N., long. 118°43’53”W.; to lat. 42°40’00”N., long. 119°10’04”W.; to the point of beginning.
Altitudes. 11,000 feet MSL to but not including FL 180.
Times of Use. Intermittent by NOTAM.
Controlling Agency. FAA, Seattle ARTCC.
Using Agency. USAF, 173 FW, Kingsley Field, Klamath Falls. OR.

ADDED 12/07/17

Juniper East Low MOA, OR
Boundaries. Beginning at lat. 43°38’00”N., long. 119°34’04”W.; to lat. 43°33’19”N., long. 119°20’17”W.; to lat. 43°26’41”N., long. 119°09’26”W.; to lat. 43°04’20”N., long. 118°55’21”W.; to lat. 42°46’00”N., long. 118°55’21”W.; to lat. 42°46’00”N., long. 119°12’27”W.; to the point of beginning.
Altitudes. 500 feet AGL to but not including 11,000 MSL.
Times of Use. Intermittent by NOTAM.
Controlling Agency. FAA, Seattle ARTCC.
Using Agency. USAF, 173 FW, Kingsley Field, Klamath Falls. OR.

ADDED 12/07/17

Juniper Low MOA, OR
Boundaries. Beginning at lat. 43°55'59"N., long. 120°44'04"W.; to lat. 43°57'05"N., long. 120°26'24"W.; to lat. 43°38'00"N., long. 119°34'04"W.; to lat. 42°46'00"N., long. 119°12'27"W.; to lat. 42°46'00"N., long. 120°20'01"W.; to the point of beginning. Excluding the airspace 1,500 feet AGL and below within a 3nm radius of the center of the Alkali Lake State and Wagontire Airports, Oregon.
Altitudes. 500 feet AGL to but not including 11,000 feet MSL.
Times of Use. Intermittent by NOTAM.
Controlling Agency. FAA, Seattle ARTCC.
Using Agency. USAF, 173 FW, Kingsley Field, Klamath Falls. OR.

ADDED 12/07/17

Kane East MOA, CA
Boundaries. Beginning at lat. 33°27'35"N., long. 115°43'42"W.; to lat. 33°23'00"N., long. 115°51'03"W.; to lat. 33°06'35"N., long. 115°51'15"W.; to lat. 32°59'35"N., long. 115°43'33"W.; to lat. 32°55'35"N., long. 115°40'18"W.; to lat. 32°56'30"N., long. 115°27'03"W.; to lat. 33°19'25"N., long. 115°32'23"W.; to lat. 33°21'11"N., long. 115°34'39"W.; to lat. 33°22'58"N., long. 115°38'19"W.; to lat. 33°27'26"N., long. 115°43'30"W.; to the point of beginning.
Altitudes. 10,000 feet MSL to but not including FL 180.
Times of use. 0500 to 2100 daily; other times by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. U.S. Marine Corps, Marine Corps Air Station, Yuma, AZ.

BOUNDARIED CHANGED 06/22/17

Kane South MOA, CA
Boundaries. Beginning at lat. 32°55'35"N., long. 115°40'18"W.; to lat. 32°56'30"N., long. 115°27'03"W.; to lat. 32°51'00"N., long. 115°26'03"W.; to lat. 32°50'05"N., long.115°45'23"W.; thence clockwise along the arc of a 4.3 NM radius circle centered at lat. 32°49'45"N., long. 115°40'18"W.; to lat. 32°54'04"N., long. 115°40'18"W.; to the point of beginning.

Times of use. 0500 to 2100 daily; other times by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. U.S. Marine Corps, Marine Corps Air Station, Yuma, AZ.

BOUNDARIES CHANGED 06/22/17

Kane West MOA, CA
Boundaries. Beginning at lat. 33°23'00"N., long. 115°51'03"W.; to lat. 33°06'35"N., long. 115°51'15"W.; to lat. 32°59'35"N., long. 115°43'33"W.; to lat. 32°55'35"N., long. 115°40'18"W.; to lat. 32°54'04"N., long. 115°40'18"W.; thence counterclockwise along the arc of a 4.3 NM radius circle centered at lat. 32°49'45"N., long. 115°40'18"W.; to lat. 32°50'05"N., long. 115°45'23"W.; to lat. 32°50'05"N., long. 115°55'03"W.; to lat. 32°50'00"N., long. 116°01'03"W.; to lat. 32°57'00"N., long. 116°10'03"W.; to lat. 33°18'00"N., long. 116°10'03"W.; to lat. 33°28'30"N., long. 115°51'33"W.; to lat. 33°28'30"N., long. 115°44'55"W.; to lat. 33°27'35"N., long. 115°43'42"W.; to the point of beginning excluding R-2510A and R-2510B, when active.
Altitudes. 10,000 feet MSL to but not including FL 180.
Times of use. 0500 to 2100 daily; other times by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. U.S. Marine Corps, Marine Corps Air Station, Yuma, AZ.

BOUNDARIES CHANGED 06/22/17

Kingsville 1 MOA, TX
Boundaries. Beginning at lat. 27°16'06"N., long. 99°07'36"W.; thence the Laredo VORTAC 20-mile arc counterclockwise to lat. 27°29'01"N., long. 99°02'34"W.; to lat. 27°40'56"N., long. 98°07'29"W.; thence the Laredo VORTAC 70-mile arc clockwise to lat. 27°24'33"N., long. 98°06'31"W.; to lat. 27°23'33"N., long. 97°44'04"W.; thence the Laredo VORTAC 90-mile arc clockwise to lat. 26°21'27"N., long. 98°17'56"W.; to the point of beginning.
Altitudes. From 8,000 feet up to but not including FL 180.
Times of use. Sunrise-2400 Monday-Friday; sunrise-sunset Saturday; and 1000-2400 Sunday; other times by NOTAM.
Controlling agency. FAA, Houston ARTCC.
Using agency. U.S. Navy, Chief, Naval Air Training, Corpus Christi, TX.

USING AGENCY CHANGED 08/22/13

Kingsville 2 MOA, TX
Boundaries. Beginning at lat. 27°40'56"N., long. 98°07'29"W.; to lat. 27°45'44"N., long. 97°45'33"W.; thence the Laredo VORTAC 90-mile arc clockwise to lat. 27°23'33"N., long. 97°44'04"W.; to lat. 27°24'33"N., long. 98°06'31"W.; thence the Laredo VORTAC 70-mile arc counterclockwise to the point of beginning.
Altitudes. From 13,000 feet up to but not including FL 180.

Times of use. Sunrise-2400 Monday-Friday; sunrise-sunset Saturday; and 1000-2400 Sunday; other times by NOTAM.
Controlling agency. FAA, Houston ARTCC.
Using agency. U.S. Navy, Chief, Naval Air Training, Corpus Christi, TX.

USING AGENCY CHANGED 08/22/13

Kingsville 3 MOA, TX
Boundaries. Beginning at lat. 28°34'42"N., long. 98°37'42"W.; thence clockwise along the 78 mile arc of the Laredo VORTAC to lat. 27°52'24"N., long. 98°01'19"W.; to lat. 27°38'45"N., long. 99°05'34"W.; thence counterclockwise along the 20 mile arc of the Laredo VORTAC to lat. 27°44'49"N., long. 99°11'37"W.; to lat. 28°12'31"N., long. 98°55'01"W.; to the point of beginning.
Altitudes. From 8,000 feet MSL up to but not including FL 180.
Times of use. Sunrise-2400 Monday-Friday; 1400-2400 Sunday; other times by NOTAM.
Controlling agency. FAA, Houston ARTCC.
Using agency. U.S. Navy, Chief, Naval Air Training, Corpus Christi, TX.

USING AGENCY CHANGED 08/22/13

Kingsville 4 MOA, TX
Boundaries. Beginning at lat. 29°04'43"N., long. 097°29'54"W.; thence clockwise along the 61 NM arc of the San Antonio VORTAC to lat. 28°40'11"N., long. 098°07'14"W.; to lat. 28°32'31"N., long. 098°04'31"W.; to lat. 28°09'42"N., long. 097°37'35"W.; to lat. 28°10'38"N., long. 097°17'32"W.; to lat. 28°41'20"N., long. 096°51'13"W.; to the point of beginning.
Altitudes. 9,000 feet MSL to, but not including, FL 180.
Times of use. Sunrise-2400, Monday-Friday; 1400-2400 Sunday; other times by NOTAM.
Controlling agency. FAA, Houston ARTCC.
Using agency. U.S. Navy, Chief, Naval Air Training, Corpus Christi, TX.

BOUNDARIES AND TIMES OF USE CHANGED 10/17/13

Kingsville 5 MOA, TX
Boundaries. Beginning at lat. 29°11'46"N., long. 96°59'26"W.; thence clockwise along the 70 NM arc of the Randolph TACAN to lat. 28°52'43"N., long. 97°09'58"W.; to lat. 28°41'20"N., long. 96°51'13"W.; to lat. 28°58'14"N., long. 96°38'41"W.; to lat. 29°07'27"N., long. 96°45'34"W.; to the point of beginning.
Altitudes. 9,000 feet MSL to, but not including, FL 180.
Times of use. Sunrise-2400, Monday-Friday; 1400-2400 Sunday; other times by NOTAM.
Controlling agency. FAA, Houston ARTCC.
Using agency. U.S. Navy, Chief, Naval Air Training, Corpus Christi, TX.

BOUNDARIES, ALTITUDES, AND TIMES OF USE CHANGED 10/17/13

La Veta High MOA, CO
Boundaries. Beginning at lat. 38°15'30"N., long. 104°55'02"W.; to lat. 38°17'00"N., long. 105°19'02"W.; to lat. 37°50'00"N., long. 105°30'02"W.; to lat. 37°36'00"N., long. 105°30'02"W.; to lat. 37°36'00"N., long. 105°05'02"W.; to lat. 37°40'30"N., long. 104°45'02"W.; to lat. 37°55'00"N., long. 104°38'02"W.; to lat. 38°04'00"N., long. 104°49'02"W.; to the point of beginning.
Altitudes. 13,000 feet MSL to but not including FL 180.
Times of use. 0700-1600 Monday-Friday (excluding holidays); other times by NOTAM.
Controlling agency. FAA, Denver ARTCC.
Using Agency. 140th Wing, Buckley Air Force Base, CO.

CONTROLLING AGENCY AND USING AGENCY CHANGED 11/08/18

La Veta Low MOA, CO
Boundaries. Beginning at lat. 38°15’30”N., long. 104°55’02”W.; to lat. 38°04’00”N., long. 104°49’02”W.; to lat. 38°00’55”N., long. 104°45’15”W.; to lat. 37°55’00”N., long. 105°00’02”W.; to lat. 38°14’53”N., long. 105°07’26”W.; to lat. 38°16’12”N., long. 105°06’04”W.; thence to point of beginning.
Altitudes. 1,500 feet AGL to but not including 13,000 feet MSL.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Denver ARTCC.
Using Agency. 140th Wing, Buckley Air Force Base, CO.

USING AGENCY CHANGED 11/08/18

Lake Andes MOA, SD
Boundaries. Beginning at lat. 43°35'00"N., long. 98°09'00"W.; to lat. 43°38'00"N., long. 99°16'00"W.; to lat. 43°39'37"N., long. 100°00'00"W. to lat. 43°30'00"N., long. 100°00'00"W.; to lat. 42°58'00"N., long. 99°32'00"W.; to lat. 42°42'00"N., long. 98°42'00"W.; to lat. 43°13'00"N., long. 97°52'00"W.; to the point of beginning.
Altitudes. 6,000 feet MSL to but not including FL 180.
Time of use. 0900-1200, 1400-1700 Tuesday-Saturday; Other times by NOTAM.
Controlling agency. FAA, Minneapolis ARTCC.
Using agency. 114th Fighter Group, Sioux Falls, SD.

REMOVED NOTE 11/30/00

Lake Placid North MOA, FL
Boundaries. Beginning at lat. 27º53’31”N., long. 81º51’59”W.; to lat. 28º00’01”N., long. 81º20’59”W.; to lat. 27°55’01”N., long. 81°25’19”W.; to lat. 27º42’49”N., long. 81º 36’16”W.; to lat. 27°35’44”N., long. 81°42’14”W.;to the point of beginning.
Altitudes. 7,000 feet MSL to but not including FL 180.

Times of use. Intermittent, normally daylight hours, Monday-Friday; occasionally on Saturday and Sunday; other times by NOTAM.
Controlling agency. FAA, Miami ARTCC.
Using agency. U.S. Air Force, Commander, 23rd Wing, Det 1, MacDill AFB, FL

ADDED 07/29/10

Lake Placid West MOA, FL
Boundaries. Beginning at lat. 27°35'44"N., long. 81°42'14"W.; to lat. 27°42'49"N., long. 81°36'16"W.; to lat. 27°21'30"N., long. 81°28'00"W.; to lat. 27°04'01"N., long. 81°16'59"W.; to lat. 27°04'01"N., long. 81°24'59"W.; to the point of beginning.
Altitudes. 7,000 feet MSL to but not including FL 180.
Times of use. Intermittent, normally daylight hours, Monday-Friday; occasionally on Saturday and Sunday; other times by NOTAM.
Controlling agency. FAA, Miami ARTCC.
Using agency. U.S. Air Force, Commander, 23rd Wing, Det 1, MacDill AFB, FL.

ADDED 07/29/10

Lake Placid East MOA, FL
Boundaries. Beginning at lat. 27°42'49"N., long. 81°36'16"W.; to lat. 27°55'01"N., long. 81°25'19"W.; to lat. 27°42'01"N., long. 81°25'19"W.; to lat. 27°32'33"N., long. 81°21'39"W.; to lat. 27°30'46"N., long. 81°17'49"W.; to lat. 27°24'46"N., long. 81°10'59"W.; to lat. 27°15'03"N., long. 81°04'54"W.; to lat. 27°04'01"N., long. 81°16'59"W.; to lat. 27°21'30"N., long. 81°28'00"W.; to the point of beginning.
Altitudes. 7,000 feet MSL to but not including FL 180.
Times of use. Intermittent, normally daylight hours, Monday-Friday; occasionally on Saturday and Sunday; other times by NOTAM.
Controlling agency. FAA, Miami ARTCC.
Using agency. U.S. Air Force, Commander, 23rd Wing, Det 1, MacDill AFB, FL.

ADDED 07/29/10

Lancer MOA, TX
Boundaries. Beginning at lat. 33°16'00"N., long. 101°53'00"W.; to lat. 33°16'00"N.; long. 100°33'00"W.; to lat. 32°58'00"N.; long. 100°20'00"W.; to lat. 32°33'00"N.; long. 100°23'00"W.; to lat. 32°35'00"N.; long. 101°57'00"W.; to the point of beginning.
Altitudes. 6,200 feet MSL up to, but not including FL 180.
Times of use. 0900-0000 local time, Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Fort Worth ARTCC.
Using agency. U.S. Air Force, 7th Bomb Wing, Dyess AFB, TX.

ADDED 02/21/02

Laughlin 1 MOA, TX
Boundaries. Beginning at a point on the US/Mexico border 20 NM northwest of the Laughlin (DLF) VORTAC lat. 29°21’39”N., long. 100°46’18”W.; thence northwest via the US/Mexico border to a point 90 NM northwest of the DLF VORTAC; thence clockwise via the 90 NM arc of the DLF VORTAC to the DLF 308º radial; thence southeast via the DLF 308º radial to the DLF 308/85 NM; thence clockwise via the 85 NM arc of the DLF VORTAC to the DLF 327º radial; thence southeast via the DLF 327º radial to the DLF 327/80 NM; thence clockwise via the 80 NM arc of the DLF VORTAC to the DLF 339º radial; thence southeast via the DLF 339º radial to the DLF 339/75 NM; thence clockwise via the 75 NM arc of the DLF VORTAC to the DLF 030º radial; thence southwest via the DLF 030º radial to the DLF 030/59 NM; thence clockwise via the 59 NM arc of the DLF VORTAC to the DLF 033º radial; thence southwest via the DLF 033º radial to the DLF 033/20 NM; thence counterclockwise via 20 NM arc of the DLF VORTAC; to the point of beginning.
Altitudes. 9,000 feet MSL up to, but not including FL 180.
Times of use. 0600-2000 Monday-Friday; other times by NOTAM.
Controlling Agency. FAA, Houston ARTCC.
Using Agency. U.S. Air Force, 47th FTW, Laughlin AFB, TX.

REVISED 02/21/02

Laughlin 2 MOA, TX
Boundaries. Beginning at a point on the United States/Mexico border 18 NM southeast of the Laughlin (DLF) VORTAC (lat. 29°21'39"N., long. 100°46'18"W.); thence along the United States/Mexico border to a point 49 NM southeast of the DLF VORTAC; thence counterclockwise via the 49 NM arc to the DLF VORTAC 095° radial; thence via the 095° radial to the DLF 095/59 NM; thence counterclockwise via the 59 NM arc to the DLF VORTAC 055° radial; thence southwest via the 055° radial to the DLF 055/15 NM; thence clockwise via the 15 NM arc of the DLF VORTAC; to the DLF VORTAC 095° radial; thence east via the 095° radial to the DLF 095/18 NM; thence clockwise via the DLF 18 NM arc to the point of beginning.
Altitudes. 7,000 feet MSL to, but not including, FL 180.
Times of use. 0600-2000 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Houston ARTCC.
Using agency. 47th Flying Training Wing, Laughlin AFB, TX.

Laughlin 3 High MOA, TX
Boundaries. Beginning at Laughlin (DLF) VORTAC 117/49 NM lat. 28°59’12”N., long. 99°56’31”W.; thence via the 117° radial of the DLF VORTAC to the DLF 117/60 NM lat. 28°54’07”N.; long. 99°45’24”W. thence clockwise via the 60 NM arc of the DLF VORTAC to the US/Mexico border lat. 28°25’59”N.; long. 100°20’21”W.; thence north via the US/Mexico border to the 49 NM arc of the DLF VORTAC lat. 28°35’53”N.; long. 100°25’56”W.; thence counterclockwise via the 49 NM arc of DLF VORTAC to the point of beginning.
Altitudes. 15,000 feet MSL up to, but not including FL 180.
Times of use. 0600-2000 local, Monday-Friday; other times by NOTAM.

Controlling Agency. FAA, Houston ARTCC.
Using Agency. 149th Fighter Wing, Texas Air National Guard, Kelly AFB.

TIMES OF USE CHANGED 01/23/03

Laughlin 3 Low MOA, TX
Boundaries. Beginning at Laughlin (DLF) VORTAC 117/49 NM lat. 28°59'12"N., long. 99°56'31"W.; thence via the 117° radial of the DLF VORTAC to the DLF 117/60 NM lat. 28°54'07"N.; long. 99°45'24"W. thence clockwise via the 60 NM arc of the DLF VORTAC to the US/Mexico border lat. 28°25'59"N.; long. 100°20'21"W.; thence north via the US/Mexico border to the 49 NM arc of the DLF VORTAC lat. 28°35'53"N.; long. 100°25'56"W.; thence counterclockwise via the 49 NM arc of DLF VORTAC to the point of beginning.
Altitudes. 7,000 feet MSL up to, but not including 15,000 feet MSL.
Times of use. 0600-2000 local, Monday-Friday; other times by NOTAM.
Controlling Agency. FAA, Houston ARTCC.
Using Agency. 149th Fighter Wing, Texas Air National Guard, Kelly AFB.

TIMES OF USE CHANGED 01/23/03

Lemoore A MOA, CA
Boundaries. Beginning at lat. 36°39'44"N.; long. 120°36'29"W., to lat. 36°24'02"N.; long. 120°24'52"W., to lat. 36°30'05"N.; long. 120°03'18"W., to lat. 36°44'10"N.; long. 120°11'23"W., to point of beginning.
Altitudes. From 5,000 feet MSL to but not including FL 180.
Times of use. 0800-2300, Monday-Thursday; 0800-1800, Friday; 1000-1800, one Saturday per month, by NOTAM; 1300-2100, one Sunday per month, by NOTAM; other times by NOTAM.
Controlling agency. FAA, Oakland ARTCC.
Using agency. U.S. Navy Strike Fighter Wing, Lemoore NAS, CA.

TIMES OF USE CHANGED 01/15/09

Lemoore B MOA, CA
Boundaries. Beginning at lat. 36°24'02"N.; long. 120°24'52"W., to lat. 36°04'00"N.; long. 120°10'10"W., to lat. 36°04'02"N.; long. 119°48'22"W., to lat. 36°30'05"N.; long. 120°03'18"W., to point of beginning.
Altitudes. From 13,000 feet MSL to but not including FL 180.
Times of use. 0800-2300, Monday-Thursday; 0800-1800, Friday; 1000-1800, one Saturday per month, by NOTAM; 1300-2100, one Sunday per month, by NOTAM; other times by NOTAM.
Controlling agency. FAA, Oakland ARTCC.
Using agency. U.S. Navy Strike Fighter Wing, Lemoore NAS, CA.

TIMES OF USE CHANGED 01/15/09

Lemoore C MOA, CA
Boundaries. Beginning at lat. 36°44’10”N.; long. 120°11’23”W., to lat. 36°04’02”N; long. 119°48’22”W., to lat. 36°04’01”N.; long. 119°29’49”W., to lat. 36°34’28”N.; long. 119°45’51”W., to point of beginning.
Altitudes. From 16,000 feet MSL to but not including FL 180.
Times of use. 0800-2300, Monday-Thursday; 0800-1800, Friday; 1000-1800, one Saturday per month, by NOTAM; 1300-2100, one Sunday per month, by NOTAM; other times by NOTAM.
Controlling agency. FAA, Oakland ARTCC.
Using agency. U.S. Navy Strike Fighter Wing, Lemoore NAS, CA.

TIMES OF USE CHANGED 01/15/09

Lemoore D MOA, CA
Boundaries. Beginning at lat. 36°04’00”N,; long. 120°10’10”W., to lat. 35°43’11”N.; long. 119°55’03”W., to lat. 35°39’39”N.; long. 119°34’35”W., to lat. 36°04’02”N.; long. 119°48’22”W., to point of beginning.
Altitudes. From 5,000 feet MSL to but not including FL 180.
Times of use. 0800-2300, Monday-Thursday; 0800-1800, Friday; 1000-1800, one Saturday per month, by NOTAM; 1300-2100, one Sunday per month, by NOTAM; other times by NOTAM.
Controlling agency. FAA, Oakland ARTCC.
Using agency. U.S. Navy Strike Fighter Wing, Lemoore NAS, CA.

TIMES OF USE CHANGED 01/15/09

Lemoore E MOA, CA
Boundaries. Beginning at lat. 36°04’02”N.; long. 119°48’22”W., to lat. 35°39’39”N.; long. 119°34’35”W., to lat. 35°38’43”N.; long. 119°29’25”W., to lat. 35°49’40”N.; long. 119°22’20”W., to lat. 36°04’01”N.; long. 119°29’49”W., to point of beginning.
Altitudes. From 5,000 feet MSL to but not including FL 180.
Times of use. 0800-2300, Monday-Thursday; 0800-1800, Friday; 1000-1800, one Saturday per month, by NOTAM; 1300-2100, one Sunday per month, by NOTAM; other times by NOTAM.
Controlling agency. FAA, Oakland ARTCC.
Using agency. U.S. Navy Strike Fighter Wing, Lemoore NAS, CA.

TIMES OF USE CHANGED 01/15/09

Lincoln MOA, NE
Boundaries. Beginning at lat. 40°24'00"N., long. 98°10'01"W.; to lat. 40°39'00"N., long. 97°18'31"W.; to lat. 40°27'30"N., long. 97°00'01"W.; to lat. 40°12'00"N., long. 97°00'01"W.; to lat. 40°03'00"N., long. 98°10'01"W.; to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.

Times of use. By NOTAM (normally 0900-1600 Tuesday-Sunday).
Controlling agency. FAA, Minneapolis ARTCC.
Using agency. Commander, 155 Tactical Reconnaissance Group, Air National Guard, Lincoln Municipal Airport, Lincoln, NE.

Lindbergh A MOA, MO
Boundaries. Beginning at lat. 37º 21'00"N, long. 92º03'15"W.; to lat. 37º 39'50"N., long. 091º 53'02"W.; to lat. 37º 51'36"N., long. 091º 01'04"W.; to lat. 37º 46'42"N., long. 90º 46'06"W.; to lat. 37º 10'23"N., long. 90º 52'14"W.; to lat. 36º 59'26"N., long. 92º 03'15"W.; to the point of beginning.
Altitudes. 7,000 feet MSL to but not including FL 180.
Times of use. 0900-1030 and 1300-1430 Monday-Friday; by NOTAM 0900-1030 and 1300-1430 Saturday-Sunday, one weekend per month; by NOTAM 1800-2100 Monday-Friday, two months a year; other times by NOTAM.
Controlling agency. FAA, Kansas City ARTCC.
Using agency. Missouri Air National Guard, 131st Fighter Wing, Lambert-St. Louis International Airport, MO.

REVISED 06/10/04

Lindbergh B MOA, MO
Boundaries. Beginning at lat. 36º 59'26"N., long. 092º03'15"W.; to lat. 37º 10'23"N., long. 090º 52'14"W.; to lat. 36º 55'21"N., long. 090º 54'50"W.; to lat. 36º 45'00"N., long. 092º 03'15"W.; to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.
Times of use. 0900-1030 and 1300-1430 Monday-Friday; by NOTAM 0900-1030 and 1300-1430 Saturday-Sunday, one weekend per month; by NOTAM 1800-2100 Monday-Friday, two months a year; other times by NOTAM.
Controlling agency. FAA, Kansas City ARTCC.
Using agency. Missouri Air National Guard, 131st Fighter Wing, Lambert-St. Louis International Airport, MO.

REVISED 06/10/04

Lindbergh C MOA, MO
Boundaries. Beginning at lat. 36º 45'00"N., long. 092º 03'15"W.; to lat. 36º 55'21"N., long. 090º 54'50"W.; to lat. 36º 38'00"N., long. 090º 58'00"W.;to lat. 36º 38'00"N., long. 091º50'00"W.; to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.
Times of use. 0900-1030 and 1300-1430 Monday-Friday; by NOTAM 0900-1030 and 1300-1430 Saturday-Sunday, one weekend per month; by NOTAM 1800-2100 Monday-Friday, two months a year; other times by NOTAM.

Controlling agency. FAA, Kansas City ARTCC.
Using agency. Missouri Air National Guard, 131st Fighter Wing, Lambert-St. Louis International Airport, MO.

REVISED 06/10/04

Live Oak MOA, FL
Boundaries. Beginning at lat. 30°23'01"N., long. 82°39'59"W.; to lat. 30°14'01"N., long. 82°38'59"W.; to lat. 29°48'01"N., long. 82°40'19"W.; to lat. 29°48'01"N., long. 83°05'59"W.; to lat. 30°23'01"N., long. 83°33'00"W.; to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.
Times of use. 0600-0200 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, U.S. Air Force, 23rd Wing, Moody AFB, GA.

USING AGENCY CHANGED 01/18/07

Lowville MOA, NY
Boundaries. Beginning at lat. 43°44'00"N., long. 75°52'00"W.; to lat. 43°53'00"N., long. 75°35'00"W.; to lat. 43°53'00"N., long. 75°03'00"W.; to lat. 43°30'00"N., long. 75°03'00"W.; to lat. 43°30’00”N., long. 75°52'00"W.; to the point of beginning.
Altitudes. 100 feet AGL to but not including FL 180.
Times of use. May 1-August 31: 0800-1700 Monday-Friday; other times by NOTAM.
September 1-April 30: 0800-2200 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Boston ARTCC.
Using agency. NY ANG, 174FW/Det 1, Fort Drum, NY.

ADDED 11/20/08

Lucin A MOA, UT
Boundaries. Beginning at lat. 40°49'00"N., long. 113°40'03"W.; to lat. 40°59'30"N., long. 114°15'03"W.; to lat. 41°11'30"N., long. 114°15'03"W.; to lat. 41°14'13"N., long. 114°00'03"W.; to lat. 41°23'00"N., long. 114°00'03"W.; lat. 41º52’30”N., long. 113º15’03”W.; lat. 41º57’00”N., long. 113º27’03”W.; lat. 41º52’30”N., long. 113º55’23”W.; lat. 41º40’00”N., long. 114º30’03”W.; lat. 40º54’00”N., long. 114º26’03”W.; to the point of beginning.
Altitudes. 100 feet AGL to 9,000 feet MSL.
Times of use. 0700-0000 mountain time Monday-Friday and 0800-1700 mountain time Saturday; other times by NOTAM.
Controlling agency. FAA, Salt Lake City ARTCC.
Using agency. 6501 Range Squadron (AFSC), Hill AFB, UT 84406.

TIMES OF USE CHANGED 08/22/13

Lucin B MOA, UT
Boundaries. Beginning at lat. 41°14'13"N., long. 114°00'03"W.; to lat. 41°23'00"N., long. 114°00'03"W.; to lat. 41°52'30"N., long. 113°15'03"W.; to lat. 41°12'35"N., long.113°00'16"W.; to lat. 41°16'00"N., long. 113'50'03"W.; to the point of beginning.
Altitudes. 100 feet AGL to 7,500 feet MSL.
Times of use. 0700-0000 mountain time Monday-Friday and 0800-1700 mountain time Saturday; other times by NOTAM.
Controlling agency. FAA, Salt Lake City ARTCC.
Using agency. 6501 Range Squadron (AFSC), Hill AFB, UT 84406.

TIMES OF USE CHANGED 08/22/13

Lucin C MOA, UT
Boundaries. Beginning at lat. 40°53'00"N., long. 114°17'03"W.; to lat. 40°36'00"N., long. 114°17'03"W.; to lat. 40°36'00"N., long. 114°26'03"W.; to lat. 40°54'00"N., long.114°26'03"W.; to the point of beginning.
Altitudes. 100 feet AGL to 6,500 feet MSL.
Times of use. 0700-0000 mountain time Monday-Friday and 0800-1700 mountain time Saturday; other times by NOTAM.
Controlling agency. FAA, Salt Lake City ARTCC.
Using agency. 6501 Range Squadron (AFSC), Hill AFB, UT 84406.

TIMES OF USE CHANGED 08/22/13

Lucin D MOA, UT
Boundaries. Beginning at lat. 41°54'00"N., long. 113°46'24"W.; to lat. 41°44'40"N., long. 113°34'45"W.; to lat. 41°42'20"N., long. 113°30'39"W.; to lat. 41°23'00"N., long. 114°00'03"W.; to lat. 41°14'13"N., long. 114°00'03"W.; to lat. 41°11'30"N., long. 114°15'03"W.; to lat. 40°59'30"N., long. 114°15'03"W.; to lat. 40°49'00"N., long. 113°40'03"W.; to lat. 40°54'00"N., long. 114°26'03"W.; to lat. 41°40'00"N., long. 114°30'03"W.; to lat. 41°52'30"N., long. 113°55'23"W.; to the point of beginning.
Altitudes. 9,001 feet MSL to but not including FL 180.
Times of use. 0700-0000 Monday-Thursday; 0700-1800 Friday; By NOTAM, 0800-1700 one Saturday per month
Controlling agency. FAA, Salt Lake City ARTCC.
Using agency. USAF, Commander, HQ UTTR, Hill AFB, UT.

ADDED 03/26/20

Lucin E MOA, UT
Boundaries. Beginning at lat. 41°42'20"N., long. 113°30'39"W.; to lat. 41°29'00"N., long. 113°06'12"W.; to lat. 41°12'35"N., long. 113°00'16"W.; to lat. 41°16'00"N., long. 113°50'03"W.;

to lat. 41°14'13"N., long. 114°00'03"W.; to lat. 41°23'00"N., long. 114°00'03"W.; to the point of beginning.
Altitudes. 7,501 feet MSL to but not including FL180.
Times of use. 0700-0000 Monday-Thursday; 0700-1800 Friday; By NOTAM, 0800-1700 one Saturday per month
Controlling agency. FAA, Salt Lake City ARTCC.
Using agency. USAF, Commander, HQ UTTR, Hill AFB, UT.

ADDED 03/26/20

Marian MOA, FL
Boundaries. Beginning at lat. 27°44'46"N., long. 81°08'29"W.; to lat. 27°44'41"N., long. 81°03'59"W.; to lat. 27°41'21"N., long. 80°53'59"W.; to lat. 27°30'01"N., long. 80°48'19"W.; to lat. 27°23'16"N., long. 80°56'59"W.; to lat. 27°34'01"N., long. 81°04'29"W.; to the point of beginning.
Altitudes. 500 feet AGL to 5,000 feet MSL, inclusive.
Times of use. Intermittent, normally daylight hours, Monday-Friday; occasionally Saturday and Sunday; other times by NOTAM.
Controlling agency. FAA, Miami ARTCC.
Using agency. U.S. Air Force, Commander, 23rd Wing, Det 1, MacDill AFB, FL.

TIMES OF USE AND USING AGENCY CHANGED 07/29/10

Maxwell 1 MOA, CA
Boundaries. Beginning at lat. 39°16'58"N., long. 122°25'53"W.; to lat. 39°11'38"N., long. 122°57'20"W.; thence clockwise along the 35-mile radius of point in space coordinates at lat. 39°19'03"N., long. 122°13'18"W.; to lat. 39°53'19"N., long. 122°22'45"W.; to lat. 39°28'51"N., long. 122°15'59"W.; thence counterclockwise along the 10-mile radius of point in space coordinates at lat. 39°19'03"N, long. 122°13'18"W to the point of beginning.
Altitude. 11,000 MSL or 3,000 AGL whichever is higher to but not including FL 180.
Times of use. 0500-2000 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Oakland ARTCC.
Using agency. USAF, 9th Operations Group (9th OSS/OSAA) Beale AFB, CA.

BOUNDARIES CHANGED 06/22/17

Maxwell 2 MOA, CA
Boundaries. Beginning at lat. 39°38'02"N., long. 122°51'17"W.; to lat. 39°51'27"N., long. 123°18'38"W.; thence clockwise along the 60-mile radius of point in space coordinates at lat. 39°19'03"N., long. 122°13'18"W., to lat. 40°17'46"N., long. 122°29'36"W.; to lat. 39°53'19"N., long. 122°22'45"W.; thence counterclockwise along the 35-mile radius of point in space coordinates at lat. 39°19'03"N., long. 122°13'18"W., to the point of beginning.
Altitude. 11,000 MSL or 3,000 AGL whichever is higher to but not including FL 180.

Times of use. 0500-2000 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Oakland ARTCC.
Using agency. USAF, 9th Operations Group (9th OSS/OSAA) Beale AFB, CA.

BOUNDARIES CHANGED 06/22/17

Maxwell 3 MOA, CA
Boundaries. Beginning at lat. 39°11'38"N., long. 122°57'20"W.; to lat. 39°06'10"N., long. 123°28'41"W.; thence clockwise along the 60-mile radius of point in space coordinates at lat. 39°19'03"N., long. 122°13'18"W.; to lat. 39°51'27"N., long. 123°18'38"W.; to lat. 39°38'02"N., long. 122°51'17"W.; thence counterclockwise along the 35-mile radius of point in space coordinates at lat. 39°19'03"N., long. 122°13'18"W.; to the point of beginning.
Altitude. 11,000 MSL or 3,000 AGL whichever is higher to but not including FL 180.
Times of use. 0500-2000 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Oakland ARTCC.
Using agency. USAF, 9th Operations Group (9th OSS/OSAA) Beale AFB, CA.

BOUNDARIES CHANGED 06/22/17

Mayport High MOA, FL
Boundaries. Beginning at lat.30°31’57”N., long. 81°°21’18”W.; to lat. 30°29’46”N., long. 81°20’56”W.; thence clockwise via a 7.4 NM radius arc of NAS Mayport centered at lat. 30°23’29”N., long. 81°25’28”W.; to lat. 30°19’27”N., long. 81°18’19”W.; to lat. 30°21’21”N., long. 81°25’39”W.; to lat. 30°22’11”N., long. 81°26’29”W.; to lat. 30°27’01”N., long. 81°26’14”W.; to the point of beginning.
Altitudes. 3,000 feet MSL to but not including FL 180.
Times of use. Intermittent by NOTAM, 1800-2200, not to exceed 8 one-hour block times per month.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville, FL.

BOUNDARIES AND USING AGENCY CHANGED 06/25/15

Mayport Low MOA, FL
Boundaries. Beginning at lat. 30°31’57”N., long. 81°21’18”W.; to lat. 30°29’46”N., long. 81°20’56”W.; thence clockwise via a 7.4-NM radius arc of NAS Mayport centered at lat. 30°23’29”N., long. 81°25’28”W.; to lat. 30°19’27”N., long. 81°18’19”W.; to lat. 30°21’21”N., long. 81°25’39”W.; to lat. 30°22’11”N., long. 81°26’29”W.; to lat. 30°27’01”N., long. 81°26’14”W,; to the point of beginning.
Altitudes. 500 feet MSL to but not including 3,000 feet MSL.

Times of use. Intermittent by NOTAM, 0800-2200, not to exceed 30 one-hour block times per month.
Controlling agency. FAA, Jacksonville Approach Control.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville, FL.

BOUNDARIES AND USING AGENCY CHANGED 06/25/15

Meridian 1 East MOA, MS
Boundaries. Beginning at lat. 33°25'00"N., long. 88°00'00"W.; to lat. 33°18'30"N., long. 87°49'00"W.; to lat. 33°11'00"N., long. 87°48'30"W.; to lat. 33°07'30"N., long. 87°53'30"W.; to lat. 33°03'35"N., long. 87°59'10"W.; to lat. 32°51'10"N., long. 88°17'16"W.; thence via a 45 DME arc clockwise of the Crimson VORTAC; to lat. 33°23'47"N., long. 88°25'01"W.; to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.
Times of use. Sunrise-sunset, normally Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Memphis ARTCC.
Using agency. Commander, Training Wing One, Naval Air Station, Meridian, MS.

BOUNDARIES CHANGED 09/04/03

Meridian 2 East MOA, MS
Boundaries. Beginning at lat. 32°16'34"N., long. 088°58'40"W.; to lat. 31°42'00"N., long. 089°15'00"W.; to lat. 32°09'10"N., long. 089°45'14"W.; to lat. 32°18'00"N., long. 089°29'54"W.; to the point of beginning.
Altitudes. 8,000 feet MSL to, but not including, FL 180.
Time of Use. 0700-2200, Monday-Friday; other times by NOTAM.
Controlling Agency. FAA, Memphis ARTCC.
Using Agency. Commander, Training Wing One, Naval Air Station, Meridian, MS

ADDED 09/20/12

Meridian 1 West MOA, MS
Boundaries. Beginning at lat. 33°23'47"N., long. 88°25'01"W.; to lat. 33°23'30"N., long. 88°31'00"W.; to lat. 33°23'00"N., long. 89°59'30"W.; to lat. 33°05'35"N., long. 90°01'40"W.; to lat. 33°00'10"N., long. 89°59'15"W.; to lat. 32°53'00"N., long. 90°01'00"W.; to lat. 32°34'31"N., long. 89°56'00"W.; to lat. 32°32'01"N., long. 89°06'10"W.; to lat. 32°34'01"N., long. 88°54'05"W.; to lat. 32°34'01"N., long. 88°42'00"W.; to lat. 32°51'10"N., long. 88°17'16"W.; thence via a 45 DME arc clockwise of the Crimson VORTAC; to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.

Times of use. Intermittent, sunrise-2300, Sunday-Friday; other times by NOTAM.
Controlling agency. FAA, Memphis ARTCC.
Using agency. Commander, Training Wing One, Naval Air Station, Meridian, MS.

BOUNDARIES CHANGED 09/04/03

Meridian 2 West MOA, MS
Boundaries. Beginning at lat. 32°09'10"N., long. 089°45'14"W.; to lat. 31°42'00"N., long. 089°15'00"W.; to lat. 31°45'00"N., long. 090°05'30"W.; to lat. 31°58'00"N., long. 090°04'30"W.; to the point of beginning.
Altitudes. 8,000 feet MSL to, but not including, FL 180.
Time of Use. 0700-2200, Monday-Friday; other times by NOTAM.
Controlling Agency. FAA, Memphis ARTCC.
Using Agency. Commander, Training Wing One, Naval Air Station, Meridian, MS.

ADDED 09/20/12

Minnow MOA, WI
Boundaries. Beginning at lat. 44°05'30"N., long. 87°29'45"W.; to lat. 44°01'14"N., long. 86°56'38"W.; to lat. 43°41'00"N., long. 86°38'00"W.; to lat. 43°17'00"N., long. 86°44'00"W.; to lat. 43°15'30"N., long. 87°14'00"W.; to lat. 43°19'00"N., long. 87°41'00"W.; to the point of beginning.
Altitudes. 10,000 feet MSL to but not including FL 180, excluding that airspace within R-6903 when activated.
Time of designation. Intermittent by NOTAM (normally daylight hours).
Controlling Agency. FAA, Minneapolis ARTCC.
Using Agency. Air National Guard Combat Readiness Training Center, Volk Field, WI.

CONTROLLING AGENCY CHANGED 11/20/08

Misty 1 MOA, NY
Boundaries. Beginning at lat. 43°37'30"N., long. 78°41'59"W.; to lat. 43°37'30"N., long. 77°59'59"W.; to lat. 43°24'00"N., long. 77°59'59"W.; to lat. 43°15'00"N., long. 78°11'59"W.; to lat. 43°15'00"N., long. 78°16'59"W.; to lat. 43°20'30"N., long. 78°34'29"W.; to lat. 43°26'00"N., long. 78°44'59"W.; to lat. 43°36'00"N., long. 78°44'59"W.; thence to the point of beginning.
Altitudes. 4,000 feet MSL up to but not including 18,000 feet MSL.
Times of use. 0800-2200 Monday-Friday; 0800-1600 Saturday and Sunday; other times by NOTAM.
Controlling agency. FAA, Cleveland ARTCC.
Using agency. Air National Guard, 174th Fighter Wing, Hancock Field, NY.

USING AGENCY CHANGED 12/30/99

Misty 2 MOA, NY
Boundaries. Beginning at lat. 43°37'30"N., long. 77°59'59"W.; to lat. 43°37'30"N., long. 76°46'59"W.; to lat. 43°24'00"N., long. 76°46'59"W.; to lat. 43°24'00"N., long. 77°59'59"W.; to the point of beginning.
Altitudes. 300 feet AGL up to but not including 18,000 feet MSL.
Times of use. 0800-2200, Monday-Friday; 0800-1600, Saturday and Sunday; other times by NOTAM.
Controlling agency. FAA, Cleveland ARTCC.
Using agency. Air National Guard, 174th Fighter Wing, Hancock Field, NY.

USING AGENCY CHANGED 12/30/99

Misty 3 MOA, NY
Boundaries. Beginning at lat. 43°24'00"N., long. 77°59'59"W.; to lat. 43°24'00"N., long. 76°46'59"W.; to lat. 43°15'00"N., long. 76°45'59"W.; to lat. 43°15'00"N., long. 78°11'59"W.; to the point of beginning.
Altitudes. 11,000 feet MSL up to but not including 18,000 feet MSL.
Times of use. 0800-2200, Monday-Friday; 0800-1600, Saturday and Sunday; other times by NOTAM.
Controlling agency. FAA, Cleveland ARTCC.
Using agency. Air National Guard, 174th Fighter Wing, Hancock Field, NY.

USING AGENCY CHANGED 12/30/99

Moody 2 North MOA, GA
Boundaries. Beginning at lat. 31°18'01"N., long. 82°51'00"W.; to lat. 31°14'01"N., long. 82°49'00"W.; to lat. 31°01'36"N., long. 82°39'00"W.; to lat. 30°57'01"N., long. 82°39'00"W.; to lat. 30°57'01"N., long. 83°01'00"W.; to lat. 31°21'01"N., long. 83°01'00"W.; to the point of beginning.
Altitudes. 500 feet AGL to but not including 8,000 feet MSL.
Times of use. 0600-0200 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, 23rd Wing, Moody AFB, GA.

USING AGENCY CHANGED 01/18/07

Moody 2 South MOA, GA
Boundaries. Beginning at lat. 30°57'01"N., long. 83°01'00"W.; to lat. 30°57'01"N., long. 82°39'00"W.; to lat. 30°35'01"N., long. 82°39'00"W.; to lat. 30°36'11"N., long. 83°01'00"W.; to the point of beginning.
Altitudes. 100 feet AGL to but not including 8,000 feet MSL.
Times of use. 0600-0200 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, 23rd Wing, Moody AFB, GA.

USING AGENCY CHANGED 01/18/07

Moody 3 MOA, GA
Boundaries. Beginning at lat. 31°40'31"N., long. 84°36'30"W.; to lat. 31°20'01"N., long. 84°28'00"W.; to lat. 30°57'41"N., long. 84°28'00"W.; to lat. 30°54'41"N., long. 84°39'30"W.; to lat. 31°21'01"N., long. 85°08'00"W.; to lat. 31°50'31"N., long. 85°04'00"W.; to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.
Times of use. 0600-0200 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, 23rd Wing, Moody AFB, GA.

USING AGENCY CHANGED 01/18/07

Morenci MOA, AZ
Boundaries. Beginning at lat. 33°15'00"N., long. 109°34'02"W.; to lat. 33°15'00"N., long. 108°24'32"W.; to lat. 32°28'15"N., long. 109°19'02"W.; to lat. 32°30'00"N., long. 109°44'02"W.; to lat. 32°54'30"N., long. 109°34'02"W.; to the point of beginning, excluding a 5 NM radius of Safford, AZ, Municipal Airport from 1,500 feet AGL to and including 5,000 feet AGL.
Altitudes. From 1,500 feet AGL to but not including FL 180.
Times of use. 0600-2100 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. 162nd Tactical Fighter Group, Tucson, AZ.

Mt. Dora East High MOA, NM
Boundaries. Beginning at lat. 36°30'00"N., long. 103°01'00"W.; to lat. 36°15'00"N., long. 102°47'42"W.; to lat. 36°07'00"N., long. 102°51'48"W.; to lat. 35°58'00"N., long. 103°45'00"W.; to lat. 36°30'00"N., long. 103°45'00"W.; to the point of beginning.
Altitudes. 11,000 feet MSL to but not including FL 180.
Times of use. By NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using Agency. U.S. Air Force, 27th Special Operations Wing, Cannon AFB, NM.

USING AGENCY CHANGED 01/15/09

Mt. Dora East Low MOA, NM
Boundaries. Beginning at lat. 36°30'00"N., long. 103°01'00"W.; to lat. 36°15'00"N., long. 102°47'42"W.; to lat. 36°07'00"N., long. 102°51'48"W.; to lat. 35°58'00"N., long. 103°45'00"W.; to lat. 36°30'00"N., long. 103°45'00"W.; to the point of beginning.
Altitudes. 1,500 feet AGL to but not including 11,000 feet MSL.
Times of use. By NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using Agency. U.S. Air Force, 27th Special Operations Wing, Cannon AFB, NM.

USING AGENCY CHANGED 01/15/09

Mt. Dora North High MOA, NM
Boundaries. Beginning at lat. 37°06'00"N., long. 103°42'54"W.; to lat. 37°05'00"N., long. 103°32'24"W.; to lat. 36°30'00"N., long. 103°01'00"W.; to lat. 36°30'00"N., long. 104°19'00"W.; to the point of beginning.
Altitudes. 11,000 feet MSL to but not including FL 180.
Times of use. By NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using Agency. U.S. Air Force, 27th Special Operations Wing, Cannon AFB, NM.

USING AGENCY CHANGED 01/15/09

Mt. Dora North Low MOA, NM
Boundaries. Beginning at lat. 37°06'00"N., long. 103°42'54"W.; to lat. 37°05'00"N., long. 103°32'24"W.; to lat. 36°30'00"N., long. 103°01'00"W.; to lat. 36°30'00"N., long. 104°19'00"W.; to the point of beginning.
Altitudes. 1,500 feet AGL to but not including 11,000 feet MSL.
Times of use. By NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using Agency. U.S. Air Force, 27th Special Operations Wing, Cannon AFB, NM.

USING AGENCY CHANGED 01/15/09

Mt. Dora West High MOA, NM
Boundaries. Beginning at lat. 36°30'00"N., long. 104°19'00"W.; to lat. 36°30'00"N., long. 103°45'00"W.; to lat. 35°58'00"N., long. 103°45'00"W.; to lat. 35°47'00"N., long.104°49'18"W.; to lat. 35°53'20"N., long. 104°55'30"W.; to the point of beginning.
Altitudes. 11,000 feet MSL to but not including FL 180.
Times of use. By NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using Agency. U.S. Air Force, 27th Special Operations Wing, Cannon AFB, NM.

USING AGENCY CHANGED 01/15/09

Mt. Dora West Low MOA, NM
Boundaries. Beginning at lat. 36°30'00"N., long. 104°19'00"W.; to lat. 36°30'00"N., long. 103°45'00"W.; to lat. 35°58'00"N., long. 103°45'00"W.; to lat. 35°47'00"N., long.104°49'18"W.; to lat. 35°53'20"N., long. 104°55'30"W.; to the point of beginning.
Altitudes. 1,500 feet AGL to but not including 11,000 feet MSL.
Times of use. By NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using Agency. U.S. Air Force, 27th Special Operations Wing, Cannon AFB, NM.

USING AGENCY CHANGED 01/15/09

Muniz 1 MOA, PR
Boundaries. Beginning at lat. 18°04'53"N., long. 67°15'04"W.; to lat. 18°04'53"N., long. 66°47'59"W.; to lat. 17°53'08"N., long. 66°52'59"W.; thence west along the 3 NM territorial limit to the point of beginning.
Altitudes. 1,000 feet AGL to 8,000 feet MSL inclusive.
Times of use. Intermittent, 0700-l900 Monday-Saturday; contact nearest Flight Service Station.
Controlling agency. FAA, San Juan CERAP.
Using agency. Puerto Rico Air National Guard, San Juan, PR.

Muniz 2 MOA, PR
Boundaries. Beginning at lat. 17°53'08"N., long. 66°52'59"W.; to lat. 18°04'53"N., long. 66°47'59"W.; to lat. 17°55'33"N., long. 66°37'59"W.; thence west along the 3 NM territorial limit to the point of beginning.
Altitudes. 1,000 feet AGL to 8,000 feet MSL inclusive.
Times of use. Intermittent, 0700-l900 Monday-Saturday; contact nearest Flight Service Station.
Controlling agency. FAA, San Juan CERAP.
Using agency. Puerto Rico Air National Guard, San Juan, PR.

Mustang MOA, GA
Boundaries. Beginning at lat. 32°04’19”N., long. 83°35’40”W.; to lat. 32°03’46”N., long. 83°29’00”W.; to lat. 31°58’19”N., long. 83°23’38”W.; to lat. 31°29’40”N., long. 83°23’00”W.; to lat. 31°34’06”N., long. 83°37’55”W.; to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.
Times of use. 0700-0200 Monday-Friday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, 23rd Wing, Moody AFB, GA.

ADDED 08/17/17

Naknek 1 MOA, AK
Boundaries. Beginning at lat. 60º29'57"N., long. 159º00'08"W.; to lat. 60º45'57"N., long. 156º43'08"W.; to lat. 59º48'57"N., long. 156º45'08"W.; to lat. 59º29'57"N., long. 158º00'08"W.; to lat. 59º54'57"N., long. 159º00'08"W.; to point of beginning.
Altitudes. 3,000 feet AGL to but not including FL 180.
Times of use. 1000-1500, Monday-Friday; other times by NOTAM for other times between 0700-0000.
Controlling agency. FAA Anchorage ARTCC.
Using agency. USAF, 3 WG, Elmendorf AFB Joint Base Elmendorf-Richardson, AK.

TIMES OF USE AND USING AGENCY CHANGED 11/08/18

Naknek 2 MOA, AK
Boundaries. Beginning at lat. 60°45'57"N, long. 156°43'08"W; to lat. 60°49'58"N, long. 156°00'08"W; to lat. 60°52'33"N, long. 154°43'15"W; to lat. 60°18'58"N, long. 154°43'15"W; to lat. 59°48'57"N, long. 156°45'08"W; to the point of beginning.
Altitudes. 3,000 feet AGL to but not including FL 180.
Times of use. 1000-1500, Monday-Friday; other times by NOTAM for other times between 0700-0000.
Controlling agency. FAA Anchorage ARTCC.
Using agency. USAF, 3 WG, Elmendorf AFB Joint Base Elmendorf-Richardson, AK.

TIMES OF USE AND USING AGENCY CHANGED 11/08/18

O'Neill MOA, NE
Boundaries. Beginning at lat. 42°21'56"N., long. 98°22'50"W.; to lat. 42°20'00"N., long. 97°46'01"W.; to lat. 41°53'00"N., long. 97°46'01"W.; to lat. 41°27'00"N., long. 98°24'01"W.; to lat. 41°26'00"N., long. 98°53'01"W.; to lat. 42°13'00"N., long. 98°53'01"W.; to lat. 42°15'05"N., long. 98°50'57"W.; thence via the 15 NM arc of ONL VORTAC to the point of beginning.
Altitudes. 500 feet AGL to but not including FL 180.
Times of use. 0930-1145 and 1400-1600 local, Tuesday-Saturday, other times by NOTAM.
Controlling agency. FAA, Minneapolis ARTCC.
Using agency. Air National Guard, 114th Fighter Wing, Sioux Falls, SD.

USING AGENCY CHANGE 08/25/11

Okanogan A MOA, WA
Boundaries. Beginning at lat. 49°00'00"N., long. 119°45'04"W.; to lat. 49°00'00"N., long. 119°20'04"W.; to lat. 49°00'00"N., long. 119°00'04"W.; to lat. 48°03'30"N., long. 119°00'04"W.; to lat. 48°05'00"N., long. 119°20'04"W.; to lat. 48°06'30"N., long. 119°45'04"W.; to lat. 48°08'29"N., long. 120°27'34"W.; to lat. 48°54'40"N., long. 120°03'04"W.; to lat. 48°54'40"N., long. 119°45'04"W.; to the point of beginning.
Altitudes. 9,000 feet MSL to but not including FL 180.
Times of use. Intermittent by NOTAM, contact nearest Flight Service Station.
Controlling agency. FAA, Seattle ARTCC.
Using agency. U.S. Navy, Commanding Officer, NAS Whidbey Island, Oak Harbor, WA.

USING AGENCY CHANGED 07/22/93

Okanogan B MOA, WA
Boundaries. Beginning at lat. 48°08'29"N., long. 120°27'34"W.; to lat. 48°54'40"N., long. 120°03'04"W.; to lat. 48°54'40"N., long. 119°45'04"W.; to lat. 48°06'30"N., long. 119°45'04"W.; to the point of beginning.

Altitudes. 300 feet AGL to but not including 9,000 feet MSL. Excluding that airspace 1,500 feet AGL and below within a 3 NM radius of the following airports: Twisp Municipal Airport, WA, and the Methow Valley State Airport, Winthrop, WA.
Times of use. Intermittent by NOTAM, contact nearest Flight Service Station.
Controlling agency. FAA, Seattle ARTCC.
Using agency. U.S. Navy, Commanding Officer, NAS Whidbey Island, Oak Harbor, WA.

ALTITUDES CHANGED 06/23/94

Okanogan C MOA, WA
Boundaries. Beginning at lat. 48°05'00"N., long. 119°20'04"W.; to lat. 49°00'00"N., long. 119°20'04"W.; to lat. 49°00'00"N., long. 119°00'04"W.; to lat. 48°03'30"N., long. 119°00'04"W.; to the point of beginning.
Altitudes. 300 feet AGL to but not including 9,000 feet MSL. Excluding that airspace 1,500 feet AGL and below within a 3-NM radius of the Hart Ranch Airport, Tonasket, WA.
Times of use. Intermittent by NOTAM, contact nearest Flight Service Station.
Controlling agency. FAA, Seattle ARTCC.
Using agency. U.S. Navy, Commanding Officer, NAS Whidbey Island, Oak Harbor, WA.

ALTITUDES CHANGED 06/23/94

Olympic MOA, WA
Boundaries. Beginning at lat. 47°41'29"N., long. 123°43'35"W.; to lat. 47°37'59"N., long. 123°40'05"W.; to lat. 47°14'59"N., long. 123°40'05"W.; to lat. 47°05'55"N., long. 124°15'09"W.; thence northbound, 3 nautical miles parallel to the shoreline; to lat. 48°08'59"N., long. 124°50'16"W.; to lat. 48°08'59"N., long. 124°30'35"W.; to lat. 47°59'59"N., long. 124°07'05"W.; to the point of beginning.
Altitudes. 6,000 feet MSL to but not including FL 180, excluding that airspace below 1,200 feet AGL.
Times of use. By NOTAM.
Controlling Agency. FAA, Seattle ARTCC.
Using Agency. U.S. Navy, Commanding Officer, NAS Whidbey Island, Oak Harbor, WA.

ADDED 04/25/19

Ontonagon MOA, MI
Boundaries. Beginning at lat. 46º55’00”N., long. 90º00’01”W.; to lat. 46º55’00”N., long. 89º28’01”W.; to lat.47º30’00”N., long. 089º28’00”W.; to lat. 46º56’30”N., long. 88º51’00”W.; to lat. 46º37’00”N., long. 89º40’01”W.; to the point of beginning, excluding the airspace at and below 1,500 feet AGL within a 3 NM radius of the Ontonagon County – Schuster Field Airport, located at lat. 46º50’44”N., long. 89º22’02”W.
Altitudes. 500 feet AGL to but not including FL 180.

Times of use. 0800-1800 daily; other times by NOTAM.
Controlling agency. FAA, Minneapolis ARTCC.
Using agency. U.S. Air Force, Northeast Air Defense Sector/DOOS, Griffiss AFB, NY.

BOUNDARIES CHANGED 04/08/10

Outlaw MOA, AZ
Boundaries. Beginning at lat. 33°07'00"N., long. 111°23'00"W.; to lat. 33°29'30"N., long. 111°23'00"W.; to lat. 33°45'00"N., long. 110°30'00"W.; to lat. 32°40'30"N., long. 110°30'00"W.; to lat. 32°42'00"N., long. 110°38'00"W.; to the point of beginning.
Altitudes. 8,000 feet MSL or 3,000 feet AGL whichever is higher to but not including FL 180; excluding Restricted Areas R-2310A, B and C when activated.
Times of use. 0700-1800 Monday-Friday; 1800-2200 Monday-Friday by NOTAM. Intermittent weekends by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. U.S. Air Force, Commander, 162nd Fighter Group, Air National Guard, Tucson, AZ.

ADDED 09/16/93

Owens MOA, CA
Boundaries. Beginning at lat. 37°12'00"N., long. 118°35'03"W.; to lat. 37°12'00"N., long. 118°26'03"W.; to lat. 37°02'00"N., long. 118°20'03"W.; to lat. 37°09'00"N., long.118°00'03"W.; to lat. 36°46'00"N., long. 118°00'03"W.; to lat. 36°14'00"N., long. 117°36'03"W.; thence along the northern and western boundaries of R-2505 to lat. 36°08'00"N., long. 117°53'03"W.; to lat. 36°08'00"N., long. 118°35'03"W.; to the point of beginning.
Altitudes. 200 feet AGL to but not including FL 180. Except 3,000 feet AGL floor over Kings Canyon National Park, Sequoia National Park, and John Muir Wilderness Area. Except 1,500 feet AGL within a 3 NM radius of the following airports: Lone Pine and Independence.
Times of use. 0600-2200 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Joshua Control Facility, Edwards AFB, CA.
Using agency. R-2508 Complex Control Board.

CONTROLLING AGENCY CHANGED 11/13/14

Owyhee North MOA, ID
Boundaries. Beginning at lat. 42°45'00"N., long. 116°00'00"W.; to lat. 42°00'00"N., long. 116°00'00"W.; to lat. 42°00'00"N., long. 117°00'00"W.; to lat. 42°45'00"N., long. 117°00'00"W.; to the point of beginning. Excluding that airspace 500 feet AGL and below encompassed by the coordinates beginning at lat. 42°45'00"N., long. 116°40'00"W.; to lat. 42°45'00"N., long. 116°00'00"W.; to lat. 42°39'00"N., long. 116°00'00"W.; to lat. 42°30'00"N., long. 116°21'15"W.; to lat. 42°32'45"N., long. 116°28'45"W.; to the point of beginning.
Altitudes. 100 feet AGL to 17,999 feet MSL.

Times of Use. 0730-2200 mountain time Monday-Friday; other times by NOTAM (Expected use 230 days/year, 12 hours/day).
Controlling Agency. FAA, Salt Lake City, ARTCC.
Using Agency. USAF, Commander, 366th Fighter Wing, Mountain Home, AFB, ID.

TIMES OF USE CHANGED 08/22/13

Owyhee South MOA, NV
Boundaries. Beginning at lat. 42°00'00"N., long. 116°00'00"W.; to lat. 41°26'12"N., long. 116°00'00"W.; to lat. 41°20'00"N., long. 116°14'00"W.; to lat. 41°20'00"N., long. 117°00'00"W.; to lat. 42°00'00"N., long. 117°00'00"W.; to the point of beginning.
Altitudes. 3,000 feet AGL or 10,000 feet MSL whichever is higher up to 17,999 feet MSL.
Times of Use. 0730-2200 mountain time Monday-Friday; other times by NOTAM (Expected use 230 days/year, 12 hours/day).
Controlling Agency. FAA, Salt Lake City, ARTCC.
Using Agency. USAF, Commander, 366th Fighter Wing, Mountain Home, AFB, ID.

TIMES OF USE CHANGED 08/22/13

Palatka 1 MOA, FL
Boundaries. Beginning at lat. 29°23'01"N., long. 82°01'29"W.; to lat. 29°23'01"N., long. 81°38'54"W.; thence clockwise along the 5-NM arc centered at lat. 29°19'12"N., long. 81°35'14"W.; to lat. 29°22'51"N., long. 81°31'19"W.; to lat. 29°12'31"N., long. 81°29'59"W.; to lat. 29°00'00"N., long. 81°30'00"W.; to lat. 29°00'01"N., long. 81°42'29"W.; to lat. 29°03'15"N., long. 81°46'50"W.; thence clockwise along a 5-NM arc centered at lat. 29°06'53"N., long. 81°42'54"W.; to lat. 29°07'58"N., long. 81°48'29"W.; to lat. 29°22'01"N., long. 82°02'59"W.; to the point of beginning, excluding R-2907A, R-2907B, R-2910A, and R-2910D when active.
Designated altitudes. 3,000 feet MSL to, but not including, FL 180.
Time of designation. Intermittent, 0800-2400, daily; other times by NOTAM, 6 hours in advance.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville (FACSFAC JAX), Jacksonville, FL.

AMENDED 08/22/13

Palatka 2 MOA, FL
Boundaries. Beginning at lat. 29°36'21"N., long. 81°51'19"W.; to lat. 29°36'21"N., long. 81°32'19"W.; to lat. 29°29'31"N., long. 81°31'59"W.; to lat. 29°22'51"N., long. 81°31'19"W.; thence counterclockwise along a 5-NM arc centered at lat. 29°19'12"N., long. 81°35'14"W.; to lat. 29°23'01"N., long. 81°38'54"W.; to lat. 29°23'01"N., long. 82°01'29"W.; to the point of beginning, excluding R-2906 and R-2907B when active.
Designated altitudes. 3,000 feet MSL to, but not including, FL180..

Times of designation. Intermittent, 0800-2400, daily; other times by NOTAM, 6 hours in advance.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville (FACSFAC JAX), Jacksonville, FL.

AMENDED 08/22/13

Pamlico A MOA, NC
Boundaries. Beginning at lat. 35°48'15"N., long. 75°43'43"W.; to lat. 35°29'31"N., long. 75°25'00"W.; to lat. 35°27'01"N., long. 75°25'09"W.; to lat. 35°27'01"N., long. 75°48'19"W.; to lat. 35°34'41"N., long. 75°48'19"W.; to lat. 35°34'41"N., long. 75°46'49"W.; to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.
Times of use. Intermittent, sunrise-2300 Monday-Friday; other times by NOTAM.
Controlling agency. Marine Corps Air Station Cherry Point Approach Control.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Virginia Capes (FACSFAC VACAPES), Virginia Beach, VA.

CONTROLLING AGENCY CHANGED 12/10/15

Pamlico B MOA, NC
Boundaries. Beginning at lat. 35°36'46"N., long. 76°01'19"W.; to lat. 35°34'41"N., long. 75°48'19"W.; to lat. 35°27'01"N., long. 75°48'19"W.; to lat. 35°27'01"N., long. 75°25'09"W.; thence south and southwest 3 NM from and parallel to the shoreline to lat. 35°00'31"N., long. 76°00'59"W.; to lat. 35°18'16"N., long. 76°16'39"W.; to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.
Times of use. Intermittent, 0700-2200 Monday-Friday; other times by NOTAM.
Controlling agency. Marine Corps Air Station Cherry Point Approach Control.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Virginia Capes (FACSFAC VACAPES), Virginia Beach, VA.

CONTROLLING AGENCY CHANGED 12/10/15

Panamint MOA, CA
Boundaries. Beginning at lat. 36°30'00"N., long. 117°48'03"W.; to lat. 36°30'00"N., long. 116°55'03"W.; to lat. 35°34'30"N., long. 116°23'33"W.; thence along the northern boundary of R-2502N, the eastern, northern, and western boundaries of R-2524, and the northwestern boundary of R-2515 to lat. 35°19'20"N., long. 117°38'33"W.; to lat. 35°21'00"N., long. 117°38'33"W.; to lat. 35°39'15"N., long. 117°29'26"W.; thence along the eastern and northern boundaries of R-2505 to lat. 36°14'00"N., long. 117°36'03"W.; to the point of beginning. Excluding that airspace (1) 3000 feet AGL and below north and east of a line beginning at lat. 36°30'00"N., long. 117°25'35"W.; to lat. 36°29'46"N., long. 117°25'36"W.; to lat. 36°27'14"N., long. 117°22'01"W.; to lat. 36°25'41"N., long. 117°20'58"W.; to lat. 36°25'34"N., long.117°20'29"W.; to lat. 36°26'16"N., long. 117°19'11"W.; to lat. 36°25'00"N., long.

117°18'36"W.; to lat. 36°25'10"N., long. 117°17'57"W.; to lat. 36°24'15"N., long. 117°17'23"W.; to lat. 36°23'48"N., long. 117°15'36"W,; to lat. 36°15'57"N., long. 117°15'33"W.; to lat. 36°13'55"N., long. 117°09'09"W.; to lat. 36°08'44"N., long. 117°09'04"W.; to lat. 36°08'40"N., long.117°04'39"W.; to lat. 36°06'58"N., long. 117°03'47"W.; to lat. 36°05'54"N., long. 117°04'33"W.; to lat. 36°05'28"N., long. 117°03'54"W.; to lat. 36°01'42"N., long. 117°02'34"W.; to lat. 35°58'53"N., long. 117°04'31"W.; to lat. 35°58'37"N., long. 117°05'17"W.; to lat. 35°57'13"N., long. 117°06'45"W.; to lat. 35°55'23"N., long. 117°06'35"W.; to lat. 35°54'11"N., long.117°05'24"W.; to lat. 35°53'10"N., long. 117°01'39"W.; to lat. 35°52'54"N., long. 116°55'21"W.; to lat. 35°47'44"N., long. 116°55'22"W.; to lat. 35°47'44"N., long.116°36'05"W.; to lat. 35°39'03"N., long. 116°36'01"W.; to lat. 35°39'03"N., long. 116°26'06"W.; (2) 1500 feet AGL and below within a 3NM radius of the Trona airport.
Altitudes. 200 feet AGL to but not including FL 180. Except 3,000 feet AGL and below over Death Valley National Monument. Except 1,500 feet AGL and below within a 3 nautical mile radius of the following airport: Trona.
Times of use. 0600-2200 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Joshua Control Facility, Edwards AFB, CA.
Using agency. R-2508 Complex Control Board.

BOUNDARIES AND ALTITIUDES CHANGED 12/07/17

Paradise North MOA, OR
Boundaries. Beginning at lat. 42º45'00"N., long. 117º00'00"W.; to lat. 42º00’00"N., long. 117º00'00"W.; to lat. 42º00'00"N., long. 117º44'38"W.; to lat. 42º25’00”N., long. 117º42'00”W.; to lat. 42º45'00"N., long. 117º09'00"W.; to the point of beginning.
Altitudes. 3,000 feet AGL or 10,000 feet MSL whichever is higher, to 17,999 feet MSL.
Times of Use. 0730-2200 mountain time Monday-Friday; other times by NOTAM (Expected use 230 days/year, 12 hours/day).
Controlling Agency. FAA, Salt Lake City, ARTCC.
Using Agency. USAF, Commander, 366th Fighter Wing, Mountain Home, AFB, ID.

TIMES OF USE CHANGED 08/22/13

Paradise South MOA, NV
Boundaries. Beginning at lat. 42º00'00"N., long. 117º00'00"W.; to lat. 41º20'00"N., long. 117º00'00"W.; to lat. 41º20'00"N., long. 117º15'00"W.; to lat. 41º47’00"N., long. 117º46'00”W.; to lat. 42º00'00"N., long. 117º44'38"W.;to the point of beginning.
Altitudes. 3,000 feet AGL or 10,000 feet MSL whichever is higher, to 17,999 feet MSL.
Times of Use. 0730-2200 mountain time Monday-Friday; other times by NOTAM (Expected use 230 days/year, 12 hours/day).
Controlling Agency. FAA, Salt Lake City, ARTCC.
Using Agency. USAF, Commander, 366th Fighter Wing, Mountain Home, AFB, ID.

TIMES OF USE CHANGED 08/22/13

Paxon High MOA, AK
Boundaries. Beginning at lat. 63°30'00"N., long. 145°54'00"W.; to lat. 63°37'00"N., long. 145°33'00"W.; to lat. 63°37'00"N., long. 144°33'14"W.; to lat. 63°32'22"N., long. 144°16'22"W.; to lat. 62°30'00"N., long. 145°00'00"W.; to lat. 62°26'53"N., long. 145°51'33"W.; to lat. 63°23'00"N., long. 146°00'00"W.; to the point of beginning.
Altitudes. 14,000 feet MSL to but not including FL180.
Times of Use. 0800-1800 Monday – Friday, other times between 0700-0000 including weekends by NOTAM; expected use 12 hours/day, 240 days/year.
Controlling Agency. FAA, Anchorage ARTCC.
Using Agency. USAF, 354th Fighter Wing, Eielson AFB, AK.

ADDED 11/08/18

Paxon Low MOA, AK
Boundaries. Beginning at lat. 63°30'00"N., long. 145°54'00"W.; to lat. 63°37'00"N., long. 145°33'00"W.; to lat. 63°37'00"N., long. 144°33'14"W.; to lat. 63°32'22"N., long. 144°16'22"W.; to lat. 62°30'00"N., long. 145°00'00"W.; to lat. 62°26'53"N., long. 145°51'33"W.; to lat. 63°23'00"N., long. 146°00'00"W.; to the point of beginning.
Altitudes. 500 feet AGL to but not including 14,000 feet MSL.
Times of Use. 0700-0000, by NOTAM, during MFE only; expected use during MFE 5 hours/day, 60 days/year.
Controlling Agency. FAA, Anchorage ARTCC.
Using Agency. USAF, 354th Fighter Wing, Eielson AFB, AK.
NOTE: SUAIS including VHF transmitter/receiver, recording, and telephone capability must be operational during activation. Any operation during reduced capability requires the issuance of a NOTAM.

ADDED 11/08/18

Pecos North High MOA, NM
Boundaries. Beginning at lat. 34°37’00”N., long. 104°30’02”W.; to lat. 34°34’36”N., long. 104°07’00”W.; to lat. 34°33’00”N., long. 103°55’02”W.; to lat. 34°10’00”N., long. 103°55’02”W.; to lat. 34°10’00”N., long. 105°10’00”W.; to lat. 34°20’20”N., long. 105°10’00”W.; to lat. 34°31’00”N., long. 105°05’02”W.; to the point of beginning.
Altitudes. 11,000 feet MSL up to but not including FL 180.
Times of use. 0800-2000 local time, Monday-Friday, other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using Agency. U.S. Air Force, 27th Special Operations Wing, Cannon AFB, NM.

USING AGENCY CHANGED 01/15/09

Pecos North Low MOA, NM
Boundaries. Beginning at lat. 34°37’00”N., long. 104°30’02”W.; to lat. 34°34’36”N., long. 104°07’00”W.; to lat. 34°10’00”N., long. 104°07’00”W.; to lat. 34°10’00”N., long. 105°10’00”W.; to lat. 34°20’20”N., long. 105°10’00”W.; to lat. 34°31’00”N., long. 105°05’02”W.; to the point of beginning, excluding that airspace at and below 1,500’ AGL within a 3 NM radius of the Fort Sumner Municipal Airport and within 3 NM each side of the 360° bearing from the airport to the northern boundary of the MOA.
Altitudes. 500 feet AGL up to but not including 11,000 feet MSL.
Times of use. 0800-2000 local time, Monday-Friday, other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using Agency. U.S. Air Force, 27th Special Operations Wing, Cannon AFB, NM.

USING AGENCY CHANGED 01/15/09

Pecos South MOA, NM
Boundaries. Beginning at lat. 34°14’30”N., long. 103°40’02”W.; to lat. 34°05’00”N., long. 103°40’02”W.; to lat. 33°45’53”N., long. 104°08’42”W.; to lat. 33°37’58”N., long. 104°21’36”W.; thence counterclockwise along the 22 NM arc of the Chisum VORTAC to lat. 33°40’00”N., long. 104°50’00”W.; to lat. 34°00’00”N., long. 105°10’00”W.; to lat.34°10’00”N., long. 105°10’00”W.; to lat. 34°10’00”N., long. 103°46’02”W.; to the point of beginning.
Altitudes. 500 feet AGL up to but not including FL 180.
Times of use. 0800-2000 local time, Monday-Friday, other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using Agency. U.S. Air Force, 27th Special Operations Wing, Cannon AFB, NM.

USING AGENCY CHANGED 01/15/09

Pensacola North MOA, FL
Boundaries. Beginning at lat. 31°25'01"N., long. 87°18'00"W.; to lat. 31°32'01"N., long. 86°45'00"W.; to lat. 31°14'31"N., long. 86°45'00"W.; to lat. 30°53'31"N., long. 87°01'30"W.; to lat. 30°50'46"N., long. 87°41'00"W.; to lat. 30°57'31"N., long. 87°39'30"W.; to the point of beginning.
Altitudes. 10,000 feet MSL to but not including FL 180.
Times of use. Normally sunrise-sunset Monday-Saturday; occasionally nighttime operations until midnight.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. Commander, Training Air Wing Five, Pensacola, FL.

Pensacola South MOA, FL
Boundaries. Beginning at lat. 30°41’01”N., long. 87°48’30”W.; to lat. 30°41’31”N., long. 87°43’00”W.; to lat. 30°44’01”N., long. 86°55’00”W.; to lat. 30°38’46”N., long. 86°55’00”W.; to lat. 30°33’30”N., long. 86°55’00”W.; thence along the Navarre-Milton Highway to lat. 30°26’31”N., long. 86°52’00”W.; to lat. 30°26’31”N., long. 86°51’30”W.; to lat. 30°23’01”N.,

long. 86°51’30”W.; to lat. 30°19’45”N., long. 86°51’30”W.; thence 3 NM from and parallel to the shoreline to lat. 30°16’13”N., long. 87°12’29”W.; to lat. 30°19’01”N., long. 87°13’25”W.; thence west along the shoreline to lat. 30°13’16”N., long. 88°01’30”W.; to lat. 30°31’01”N., long. 87°55’00”W.; to lat. 30°38’01”N., long. 87°55’00”W.; to the point of beginning.
Altitudes. 10,000 feet MSL to but not including FL 180.
Times of use. Intermittent, sunrise-2400 Monday-Saturday. Contact nearest Flight Service Station.
Controlling agency. FAA, Pensacola ATC Tower.
Using agency. Commander, Training Air Wing Six, Pensacola, FL.

BOUNDARIES CHANGED 09/13/18

Phelps A MOA, NC
Boundaries. Beginning at lat. 35°52’23”N., long. 76°09’52”W.; to lat. 35°40’26”N., long. 76°12’24”W.; to lat. 35°43’51”N., long. 76°35’29”W.; to lat. 35°53’51”N., long. 76°33’09”W.; to the point of beginning.
Altitudes. 6,000 feet MSL to but not including FL 180.
Times of use. Intermittent, 0600-2400 Monday-Friday, 0700-1800 Saturday-Sunday; other times by NOTAM 6 hours in advance.
Note: MOA will be activated only in conjunction with R-5314.
Controlling agency. Marine Corps Air Station Cherry Point Approach Control.
Using agency. U.S. Air Force, Commander, 4th Fighter Wing, Seymour Johnson AFB, NC.

CONTROLLING AGENCY CHANGED 12/10/15

Phelps B MOA, NC
Boundaries. Beginning at lat. 35°51’53”N., long. 76°02’08”W.; to lat. 35°39’21”N., long. 76°04’59”W.; to lat. 35°40’26”N., long. 76°12’24”W.; to lat. 35°52’23”N., long. 76°09’52”W.; to the point of beginning.
Altitudes. 10,000 feet MSL to but not including FL 180.
Times of use. Intermittent, 0600-2400 Monday-Friday, 0700-1800 Saturday-Sunday; other times by NOTAM 6 hours in advance.
Note: MOA will be activated only in conjunction with R-5314.
Controlling agency. Marine Corps Air Station Cherry Point Approach Control.
Using agency. U.S. Air Force, Commander, 4th Fighter Wing, Seymour Johnson AFB, NC.

CONTROLLING AGENCY CHANGED 12/10/15

Phelps C MOA, NC
Boundaries. Beginning at lat. 35°51’36”N., long. 75°57’54”W.; to lat. 35°38’55”N., long. 76°00’52”W.; to lat. 35°39’21”N., long. 76°04’59”W.; to lat. 35°51’53”N., long. 76°02’08”W.; to the point of beginning.
Altitudes. 15,000 feet MSL to but not including FL 180.

Times of use. Intermittent, 0600-2400 Monday-Friday, 0700-1800 Saturday-Sunday; other times by NOTAM 6 hours in advance.
Note: MOA will be activated only in conjunction with R-5314.
Controlling agency. Marine Corps Air Station Cherry Point Approach Control.
Using agency. U.S. Air Force, Commander, 4th Fighter Wing, Seymour Johnson AFB, NC.

CONTROLLING AGENCY CHANGED 12/10/15

Pickett 1 MOA, VA
Boundaries. Beginning at lat. 37°05'38"N., long. 77°54'41"W.; to lat. 37°05'38"N., long. 77°51'53"W.; to lat. 37°04'26"N., long. 77°51'44"W.; along State Highway 40 to lat. 37°03'56"N., long. 77°51'04"W.; to lat. 37°02'44"N., long. 77°50'37"W.; to lat. 37°01'06"N., long. 77°50'42"W.; to lat. 37°10'01"N., long. 77°42'59"W.; to lat. 37°12'01"N., long. 77°45'59"W.; to lat. 37°07'51"N., long. 77°54'41"W.; to the point of beginning.
Altitudes. 500 feet AGL up to and including 6,000 feet MSL.
Times of use. Intermittent, sunrise-sunset, daily.
Controlling agency. FAA, Washington ARTCC.
Using agency. Virginia National Guard, Airspace Manager. Blackstone Army Airfield, MTC-Fort Pickett, Blackstone, VA.

USING AGENCY CHANGED 04/30/15

Pickett 2 MOA, VA
Boundaries. Beginning at lat. 36°57'55"N., long. 77°53'18"W.; to lat. 36°54'01"N., long. 77°55'59"W.; to lat. 36°52'01"N., long. 78°12'59"W.; to lat. 37°03'01"N., long. 78°04'59"W.; to lat. 37°01'51"N., long. 77°58'39"W.; to lat. 36°58'13"N., long. 77°57'41"W.; to the point of beginning.
Altitudes. 500 feet AGL up to and including 10,000 feet MSL.
Times of use. Intermittent, sunrise-sunset, daily.
Controlling agency. FAA, Washington ARTCC.
Using agency. Virginia National Guard, Airspace Manager. Blackstone Army Airfield, MTC-Fort Pickett, Blackstone, VA.

USING AGENCY CHANGED 04/30/15

Pickett 3 MOA, VA
Boundaries. Beginning t lat. 37°01'51"N., long. 77°58'39"W.; to lat. 37°03'01"N., long. 78°04'59"W.; to lat. 37°07'51"N., long. 77°54'41"W.; to lat. 37°05'38"N., long. 77°54'41"W.; to lat. 37°04'22"N., long. 77°55'57"W.; to lat. 37°01'51"N., long. 77°55'57"W.; to the point of beginning.
Altitudes. 4,000 feet MSL up to and including 10,000 feet MSL.
Times of use. Intermittent, sunrise-sunset, daily.

Controlling agency. FAA, Washington ARTCC.
Using agency. Virginia National Guard, Airspace Manager. Blackstone Army Airfield, MTC-Fort Pickett, Blackstone, VA.

USING AGENCY CHANGED 04/30/15

Pike East MOA, MI
Boundaries. Beginning at lat. 44°13'19"N., long. 83°15'00"W.; to lat. 44°42'00"N., long. 83°09'00"W.; to lat. 44°59'15"N., long. 83°15'00"W.; to lat. 45°16'00"N., long. 83°23'00"W.; to lat. 45°22'00"N., long. 83°29'00"W.; to lat. 45°22'00"N., long. 83°35'00"W.; to lat. 45°45'00"N., long. 83°48'30"W.; to lat. 45°45'00"N., long. 83°26'07"W.; to lat. 45°20'19"N., long. 82°31'07"W.; to lat. 43°53'15"N., long. 82°11'18"W.; to the point of beginning.
Altitudes. 300 feet AGL to but not including FL 180, excluding that airspace within R4207 when activated.
Times of use. By NOTAM 4 hours in advance.
Controlling Agency. FAA, Minneapolis ARTCC.
Using Agency. U. S. Air Force, Alpena Combat Readiness Training Center (CRTC), Alpena, MI.

ADDED 01/04/96
TIMES OF USE CHANGED 09/10/20

Pike West MOA, MI
Boundaries. Beginning at lat. 45°45’00”N., long. 84°10’00”W.; to lat. 44°41’00”N., long. 84°06’00”W.; to lat. 44°17’20”N., long. 83°43’00”W.; to lat. 44°17’00”N., long. 83°27’00”W.; to lat. 44°13’19”N., long. 83°15’00”W.; to lat. 44°42’00”N., long. 83°09’00”W.; to lat. 44°59’15”N., long. 83°15’00”W.; to lat. 45°16’00”N., long. 83°23’00”W.; to lat. 45°22’00”N., long. 83°29’00”W.; to lat. 45°22’00”N., long. 83°35’00”W.; to lat. 45°45’00”N., long. 83°48’30”W.; to the point of beginning.
Altitudes. 6,000 feet MSL up to, but not including FL 180.
Times of use. By NOTAM 4 hours in advance.
Controlling agency. FAA, Minneapolis ARTCC.
Using agency. U.S. Air Force, Alpena Combat Readiness Training Center (CRTC), Alpena, MI.

REVISED 04/18/02
TIMES OF USE CHANGED 09/10/20

Pine Hill East MOA, MS
Boundaries. Beginning at lat. 32°16'16"N., long. 88°19'30"W.; to lat. 32°11'16"N., long. 87°02'45"W.; to lat. 31°55'16"N., long. 87°03'15"W.; to lat. 31°40'01"N., long. 87°30'45"W.; to the point of beginning.

Altitudes. 10,000 feet MSL to but not including FL 180.
Times of use. 0700-2300 Monday-Friday; 0800-1500 Saturday; other times by NOTAM.
Controlling agency. FAA, Atlanta ARTCC.
Using agency. Commander, Training Air Wing One, Meridian Naval Air Station, MS.

Pine Hill West MOA, MS
Boundaries. Beginning at lat. 32°16'21"N., long. 88°20'40"W.; to lat. 32°16'16"N., long. 88°19'30"W.; to lat. 31°40'01"N., long. 87°30'45"W.; to lat. 31°32'21"N., long. 87°44'30"W.; to lat. 31°31'31"N., long. 88°19'30"W.; to the point of beginning.
Altitudes. 10,000 feet MSL to but not including FL 180.
Times of use. 0700-2300 Monday-Friday; 0800-1500 Saturday; other times by NOTAM.
Controlling agency. FAA, Atlanta ARTCC.
Using agency. Commander, Training Air Wing One, Meridian Naval Air Station, MS.

Pinon Canyon MOA, CO
Boundaries. Beginning at lat. 37°38’25”N., long. 104°11’12”W.; to lat. 37°01’48”N., long. 104°07’44”W.; to lat. 37°16’03”N., long. 103°42’32”W.; to lat. 37°27’18”N., long. 103°31’06”W.; to lat. 37°52’54”N., long. 103°31’12”W.; to lat. 37°45’24”N., long. 103°53’32”W.; to lat. 37°41’42”N., long. 104°02’32”W.; thence to the point of beginning, excluding R-2603 when active.
Altitudes. 100 feet AGL to and including 10,000 feet MSL.
Times of use. Intermittent by NOTAM, 0700 to 2200, daily.
Controlling agency. FAA, Denver ARTCC.
Using agency. Headquarters, Fort Carson, Colorado, U.S. Army.

BOUNDARIES AND TIMES OF USE CHANGED 12/07/17

Poinsett MOA, SC
Boundaries. Beginning at lat. 33°51'20"N., long. 80°23'48"W.; to lat. 33°37'50"N., long. 80°16'13"W.; thence clockwise via a 23 NM arc centered at Shaw (SSC) TACAN; to lat. 33°37'12"N., long. 80°38'01"W.; to lat. 33°42'08"N., long. 80°35'50"W.; to lat. 33°47'23"N., long. 80°31'22"W.; to lat. 33°44'28"N., long. 80°31'41"W.; to lat. 33°46'26"N., long. 80°23'11"W.; to the point of beginning.
Altitudes. 300 feet AGL to 2,500 feet MSL; Excluding the airspace 1,500 feet AGL and below within:1. A 2 NM ARC centered at lat. 33°36'30"N., long. 80°21'15"W.2. A 1 NM ARC centered at lat. 33°44'25"N., long. 80°27'50"W.
Times of use. 0600-2400 Monday-Friday; 0800-1600 Saturday; other times by NOTAM at least 8 hours in advance.
Controlling agency. U.S. Air Force, Shaw Approach Control.
Using agency. U.S. Air Force, 20FW, Shaw AFB, SC.

ADDED 10/08/98

Porterville MOA, CA
Boundaries. Beginning at lat. 36°08'00"N., long. 119°00'03"W.; to lat. 36°08'00"N., long. 118°35'03"W.; to lat. 35°40'00"N., long. 118°35'03"W.; to lat. 35°40'00"N., long. 118°51'03"W.; to the point of beginning.
Altitudes. 2,000 feet AGL to but not including FL 180.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. R-2508 Complex Control Board.

TIME OF USE CHANGED 01/18/07

Powder River 1A High MOA, MT
Boundaries. Beginning at lat. 45°55’57”N., long. 107°44’09”W.; to lat. 46°00’42”N., long. 107°22’33”W.; to lat. 46°01’35”N., long. 107°16’56”W.; to lat. 46°03’09”N., long. 107°11’15”W.; to lat. 46°04’55”N., long. 107°02’54”W.; clockwise along the Billings VORTAC 68 NM arc; to lat. 45°42’43”N., long. 107°00’42”W.; to lat. 45°40’30”N., long. 107°13’42”W.; to lat. 45°41’48”N., long. 107°44’04”W.; counter clockwise along the Billings VORTAC 38 NM arc; to the point of beginning.
Altitudes. 12,000 feet MSL to, but not including FL 180.
Times of Use. By NOTAM 4 hours in advance. LFE only.
Controlling Agency. FAA, Salt Lake ARTCC.
Using Agency. U.S. Air Force, 28th Bomb Wing, Ellsworth AFB, SD.

ADDED 09/17/15

Powder River 1A Low MOA, MT
Boundaries. Beginning at lat. 45°55’57”N., long. 107°44’09”W.; to lat. 46°00’42”N., long. 107°22’33”W.; to lat. 46°01’35”N., long. 107°16’56”W.; to lat. 46°03’09”N., long. 107°11’15”W.; to lat. 46°04’55”N., long. 107°02’54”W.; clockwise along the Billings VORTAC 68 NM arc; to lat. 45°42’43”N., long. 107°00’42”W.; to lat. 45°40’30”N., long. 107°13’42”W.; to lat. 45°41’48”N., long. 107°44’04”W.; counter clockwise along the Billings VORTAC 38 NM arc; to the point of beginning.
Altitudes. 500 feet AGL to, but not including 12,000 feet MSL, excluding the airspace 1,500 feet AGL and below within a 3 NM radius of the Big Horn County Airport, MT.
Times of Use. 0730-1200 and 1800-2330 Monday-Thursday and 0730-1200 Friday, by NOTAM 2 hours in advance; other times by NOTAM 4 hours in advance.
Controlling Agency. FAA, Salt Lake ARTCC.
Using Agency. U.S. Air Force, 28th Bomb Wing, Ellsworth AFB, SD.

ADDED 09/17/15

Powder River 1B High MOA, MT
Boundaries. Beginning at lat. 46°04'55"N., long. 107°02'54"W.; to lat. 46°11'58"N., long. 106°29'36"W.; counter clockwise along the Miles City VOR/DME 25 NM arc; to lat. 45°57'59"N., long. 105°59'23"W.; to lat. 45°40'57"N., long. 105°55'50"W.; to lat. 45°47'00"N., long. 106°35'30"W.; to lat. 45°42'43"N., long. 107°00'42"W.; counter clockwise along the Billings VORTAC 68 NM arc; to the point of beginning.
Altitudes. 12,000 feet MSL to, but not including FL 180.
Times of Use. 0730-1200 and 1800-2330 Monday-Thursday and 0730-1200 Friday, by NOTAM 2 hours in advance; other times by NOTAM 4 hours in advance.
Controlling Agency. FAA, Salt Lake ARTCC.
Using Agency. U.S. Air Force, 28th Bomb Wing, Ellsworth AFB, SD.

ADDED 09/17/15

Power River 1B Low MOA, MT
Boundaries. Beginning at lat. 46°04'55"N., long. 107°02'54"W.; to lat. 46°11'58"N., long. 106°29'36"W.; counter clockwise along the Miles City VOR/DME 25 NM arc; to lat. 45°57'59"N., long. 105°59'23"W.; to lat. 45°40'57"N., long. 105°55'50"W.; to lat. 45°47'00"N., long. 106°35'30"W.; to lat. 45°42'43"N., long. 107°00'42"W.; counter clockwise along the Billings VORTAC 68 NM arc; to the point of beginning.
Altitudes. 500 feet AGL to, but not including 12,000 feet MSL, excluding the airspace 1,500 feet AGL and below within a 3 NM radius of the Colstrip Airport, MT.
Times of Use. 0730-1200 and 1800-2330 Monday-Thursday and 0730-1200 Friday, by NOTAM 2 hours in advance; other times by NOTAM 4 hours in advance.
Controlling Agency. FAA, Salt Lake ARTCC.
Using Agency. U.S. Air Force, 28th Bomb Wing, Ellsworth AFB, SD.

ADDED 09/17/15

Powder River 1C High MOA, MT
Boundaries. Beginning at lat. 45°41'48"N., long. 107°44'04"W.; to lat. 45°40'30"N., long. 107°13'42"W.; to lat. 45°42'43"N., long. 107°00'42"W.; clockwise along the Billings VORTAC 68 NM arc; to lat. 45°14'30"N., long. 107°13'44"W.; to lat. 45°13'23"N., long. 107°17'55"W.; to lat. 45°31'00"N., long. 107°34'19"W.; to lat. 45°35'23"N., long. 107°46'46"W.; counter clockwise along the Billings VORTAC 38 NM arc; to the point of beginning.
Altitudes. 12,000 feet MSL to, but not including FL 180.
Times of Use. By NOTAM 4 hours in advance. LFE only.
Controlling Agency. FAA, Salt Lake ARTCC.
Using Agency. USAF, 28th Bomb Wing, Ellsworth AFB, SD.

ADDED 09/17/15

Powder River 1C Low MOA, MT
Boundaries. Beginning at lat. 45°41'48"N., long. 107°44'04"W.; to lat. 45°40'30"N., long. 107°13'42"W.; to lat. 45°42'43"N., long. 107°00'42"W.; clockwise along the Billings VORTAC 68 NM arc; to lat. 45°14'30"N., long. 107°13'44"W.; to lat. 45°13'23"N., long. 107°17'55"W.; to lat. 45°31'00"N., long. 107°34'19"W.; to lat. 45°35'23"N., long. 107°46'46"W.; counter clockwise along the Billings VORTAC 38 NM arc; to the point of beginning, excluding the airspace within the Northern Cheyenne Indian Reservation.
Altitudes. 500 feet AGL to, but not including 12,000 feet MSL.
Times of Use. 0730-1200 and 1800-2330 Monday-Thursday and 0730-1200 Friday, by NOTAM 2 hours in advance; other times by NOTAM 4 hours in advance.
Controlling Agency. FAA, Salt Lake ARTCC.
Using Agency. U.S. Air Force, 28th Bomb Wing, Ellsworth AFB, SD.

ADDED 09/17/15

Powder River 1D High MOA, MT
Boundaries. Beginning at lat. 45°42'43"N., long. 107°00'42"W.; to lat. 45°47'00"N., long. 106°35'30"W.; to lat. 45°40'57"N., long. 105°55'50"W.; to lat. 44°48'11"N., long. 105°45'03"W.; to lat. 44°40'27"N., long. 105°52'49"W.; to lat. 44°47'38"N., long. 106°28'48"W.; counter clockwise along the Sheridan VOR/DME 25 NM arc; to lat. 45°14'30"N., long. 107°13'44"W.; counter clockwise along the Billings VORTAC 68 NM arc; to the point of beginning.
Altitudes. 12,000 feet MSL to, but not including FL 180.
Times of Use. 0730-1200 and 1800-2330 Monday-Thursday and 0730-1200 Friday, by NOTAM 2 hours in advance; other times by NOTAM 4 hours in advance.
Controlling Agency. FAA, Salt Lake ARTCC.
Using Agency. U.S. Air Force, 28th Bomb Wing, Ellsworth, AFB, SD.

ADDED 09/17/15

Powder River 1D Low MOA, MT
Boundaries. Beginning at lat. 45°42'43"N., long. 107°00'42"W.; to lat. 45°47'00"N., long. 106°35'30"W.; to lat. 45°40'57"N., long. 105°55'50"W.; to lat. 44°48'11"N., long. 105°45'03"W.; to lat. 44°40'27"N., long. 105°52'49"W.; to lat. 44°47'38"N., long. 106°28'48"W.; counter clockwise along the Sheridan VOR/DME 25 NM arc; to lat. 45°14'30"N., long. 107°13'44"W.; counter clockwise along the Billings VORTAC 68 NM arc; to the point of beginning, excluding the airspace within the Northern Cheyenne Indian Reservation.
Altitudes. 500 feet AGL to, but not including 12,000 feet MSL, excluding the airspace 1,500 feet AGL and below within a 3 NM radius of the St. Labre Mission Airport, MT.

Times of Use. 0730-1200 and 1800-2330 Monday-Thursday and 0730-1200 Friday, by NOTAM 2 hours in advance; other times by NOTAM 4 hours in advance.
Controlling Agency. FAA, Salt Lake ARTCC.
Using Agency. U.S. Air Force, 28th Bomb Wing, Ellsworth, AFB, SD.

ADDED 09/17/15

Powder River 2 High MOA, MT
Boundaries. Beginning at lat. 45°59'24"N., long. 105°45'07"W.; counter clockwise along the Miles City VOR/DME 25 NM arc; to lat. 46°08'55"N., long. 105°27'23"W.; to lat. 45°53'08"N., long. 104°33'46"W.; to lat. 45°37'48"N., long. 103°52'28"W.; to lat. 45°29'05"N., long. 103°17'10"W.; to lat. 45°03'44"N., long. 103°17'58"W.; to lat. 44°48'05"N., long. 104°15'25"W.; to lat. 44°50'57"N., long. 104°35'41"W.; to lat. 44°47'04"N., long. 104°46'22"W.; to lat. 44°42'03"N., long. 104°49'27"W.; to lat. 44°38'57"N., long. 104°48'43"W.; to lat. 44°33'03"N., long. 105°10'28"W.; counter clockwise along the Gillette VOR/DME 20 NM arc; to lat. 44°39'44"N., long. 105°23'19"W.; to lat. 44°47'12"N., long. 105°30'41"W.; to the point of beginning.
Altitudes. 12,000 feet MSL to, but not including FL 180.
Times of Use. 0730-1200 and 1800-2330 Monday-Thursday and 0730-1200 Friday, by NOTAM 2 hours in advance; other times by NOTAM 4 hours in advance.
Controlling Agency. FAA, Denver ARTCC.
Using Agency. U.S. Air Force, 28th Bomb Wing, Ellsworth AFB, SD.

ADDED 09/17/15

Powder River 2 Low MOA, MT
Boundaries. Beginning at lat. 45°59'24"N., Long. 105°45'07"W.; counter clockwise along the Miles City VOR/DME 25 NM arc; to lat. 46°08'55"N., long. 105°27'23"W.; to lat. 45°53'08"N., long. 104°33'46"W.; to lat. 45°37'48"N., long. 103°52'28"W.; to lat. 45°29'05"N., long. 103°17'10"W.; to lat. 45°03'44"N., long. 103°17'58"W.; to lat. 44°48'05"N., long. 104°15'25"W.; to lat. 44°50'57"N., long. 104°35'41"W.; to lat. 44°47'04"N., long. 104°46'22"W.; to lat. 44°42'03"N., long. 104°49'27"W.; to lat. 44°38'57"N., long. 104°48'43"W.; to lat. 44°33'03"N., long. 105°10'28"W.; counter clockwise along the Gillette VOR/DME 20 NM arc; to lat. 44°39'44"N., long. 105°23'19"W.; to lat. 44°47'12"N., long. 105°30'41"W.; to the point of beginning.
Altitudes. 500 feet AGL to, but not including 12,000 feet MSL, excluding the airspace 1,500 feet AGL and below within a 3 NM radius of Broadus Airport, MT; Ekalaka Airport, MT; Laird Ranch Airport, MT; Lanning Ranch Airport, MT; Harding County Airport, SD; Camp Crook Airport, SD; and Sky Ranch Airport, SD.
Times of Use. 0730-1200 and 1800-2330 Monday-Thursday and 0730-1200 Friday, by NOTAM 2 hours in advance; other times by NOTAM 4 hours in advance.
Controlling Agency. FAA, Denver ARTCC.
Using Agency. U.S. Air Force, 28th Bomb Wing, Ellsworth AFB, SD.

ADDED 09/17/15

Powder River 3 High MOA, ND
Boundaries. Beginning at lat. 46°24’23”N., long. 105°21’09”W.; to lat. 46°30’59”N., long. 104°39’10”W.; to lat. 46°32’45”N., long. 104°20’36”W.; to lat. 46°36’34”N., long. 104°02’08”W.; to lat. 46°41’36”N., long. 103°27’34”W.; counter clockwise along the Dickinson VORTAC 30 NM arc; to lat. 46°22’22”N., long. 102°56’07”W.; to lat. 45°47’47”N., long. 102°59’01”W.; to lat. 45°35’42”N., long. 103°01’21”W.; to lat. 45°52’07”N., long. 103°44’36”W.; to lat. 46°03’21”N., long. 104°31’24”W.; to lat. 46°18’07”N., long. 105°21’48”W.; counter clockwise along the Miles City VOR/DME 25 NM arc; to the point of beginning.
Altitudes. 12,000 feet MSL to, but not including FL 180.
Times of Use. 0730-1200 and 1800-2330 Monday-Thursday and 0730-1200 Friday, by NOTAM 2 hours in advance; other times by NOTAM 4 hours in advance.
Controlling Agency. FAA, Salt Lake ARTCC.
Using Agency. U.S. Air Force, 28th Bomb Wing, Ellsworth AFB, SD.

ADDED 09/17/15

Powder River 3 Low MOA, ND
Boundaries. Beginning at lat. 46°24’23”N., long. 105°21’09”W.; to lat. 46°30’59”N., long. 104°39’10”W.; to lat. 46°32’45”N., long. 104°20’36”W.; to lat. 46°36’34”N., long. 104°02’08”W.; to lat. 46°41’36”N., long. 103°27’34”W.; counter clockwise along the Dickinson VORTAC 30 NM arc; to lat. 46°22’22”N., long. 102°56’07”W.; to lat. 45°47’47”N., long. 102°59’01”W.; to lat. 45°35’42”N., long. 103°01’21”W.; to lat. 45°52’07”N., long. 103°44’36”W.; to lat. 46°03’21”N., long. 104°31’24”W.; to lat. 46°18’07”N., long. 105°21’48”W.; counter clockwise along the Miles City VOR/DME 25 NM arc; to the point of beginning.
Altitudes. 500 feet AGL to, but not including 12,000 feet MSL, excluding the airspace 2,000 feet AGL and below within a 3 NM radius of Baker Municipal Airport, MT, and Bowman Municipal Airport, ND.
Times of Use. 0730-1200 and 1800-2330 Monday-Thursday and 0730-1200 Friday, by NOTAM 2 hours in advance; other times by NOTAM 4 hours in advance.
Controlling Agency. FAA, Salt Lake ARTCC.
Using Agency. U.S. Air Force, 28th Bomb Wing, Ellsworth AFB, SD.

ADDED 09/17/15

Powder River 4 High MOA, ND
Boundaries. Beginning at lat. 46°21’47”N., long. 102°41’42”W.; counter clockwise along the Dickinson VORTAC 30 NM arc; to lat. 46°45’46”N., long. 102°03’34”W.; to lat. 46°44’43”N., long. 101°43’10”W.; to lat. 46°15’44”N., long. 101°19’47”W.; to lat. 46°13’38”N., long. 101°06’17”W.; to lat. 46°02’30”N., long. 101°13’20”W.; to lat. 45°56’25”N., long. 101°17’59”W.; to lat. 45°50’12”N., long. 101°21’01”W.; to lat. 45°24’15”N., long. 101°37’01”W.; counter clockwise along the Dupree VORTAC 20 NM arc; to lat. 45°17’25”N., long. 102°04’42”W.; to lat. 45°30’13”N., long. 102°44’07”W.; to lat. 45°48’35”N., long. 102°44’37”W.; to the point of beginning.
Altitudes. 12,000 feet MSL to, but not including FL 180.

Times of Use. 0730-1200 and 1800-2330 Monday-Thursday and 0730-1200 Friday, by NOTAM 2 hours in advance; other times by NOTAM 4 hours in advance.
Controlling Agency. FAA, Minneapolis ARTCC.
Using Agency. U.S. Air Force, 28th Bomb Wing, Ellsworth AFB, SD.

ADDED 09/17/15

Pruitt A MOA, IL
Boundaries. Beginning at lat. 40°17'00"N., long. 90°29'00"W.; to lat. 40°06'00"N., long. 90°12'00"W.; to lat. 39°57'00"N., long. 90°27'00"W.; to lat. 39°45'05"N., long. 90°27'05"W.; to lat. 39°34'00"N., long. 90°07'00"W.; to lat. 39°35'00"N., long. 90°54'00"W.; to lat. 39°49'00"N., long. 91°05'06"W.; to lat. 39°54'00"N., long. 90°59'00"W.; to point of beginning.
Altitudes. 500 feet AGL to 6,000 feet MSL. The airspace 1,500 feet AGL and below within a 3 NM radius of the following airports is excluded from the MOA: Greater Beardstown Airport, IL; Pittsfield Penstone Airport, IL; and Schoy-Rush Airport, IL.
Times of use. 0900 to 1200 and 1300 to 1600 Sunday-Saturday; other times by NOTAM.
Controlling agency. FAA, Kansas City ARTCC.
Using Agency. Air National Guard, 126th Air Refueling Wing, Scott Air Force Base, IL.

USING AGENCY CHANGED 10/15/15

Pruitt B MOA, IL
Boundaries. Beginning at lat. 39°34'00"N., long. 90°07'00"W.; to lat. 39°18'00"N., long. 90°18'00"W.; to lat. 39°20'00"N., long. 90°42'00"W.; to lat. 39°35'00"N., long. 90°54'00"W.; to point of beginning.
Altitudes. 500 feet AGL to 3,000 feet MSL.
Times of use. 0900 to 1200 and 1300 to 1600 Sunday-Saturday; other times by NOTAM.
Controlling agency. FAA, Kansas City ARTCC.
Using Agency. Air National Guard, 126th Air Refueling Wing, Scott Air Force Base, IL.

USING AGENCY CHANGED 10/15/15

Quail MOA, AZ
Boundaries. Beginning at lat. 33°55'00"N., long. 115°00'03"W.; to lat. 34°12'00"N., long. 114°00'03"W.; to lat. 33°38'00"N., long. 114°00'03"W.; to lat. 33°44'00"N., long.114°30'03"W.; to lat. 33°44'00"N., long. 115°00'03"W.; to the point of beginning.
Altitudes. 10,000 feet MSL to but not including FL 180.
Times of use. 0700-1700 MST Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. Marine Corps Air Station, Yuma, AZ.

TIMES OF USE CHANGED 01/09/92

Racer A MOA, IN
Boundaries. Beginning at 39°12'30"N lat., 86°09' 50"W long., to 39°07'36"N lat., 86°08'00"W long., to 39°07'36"N lat., 85°59'30"W long. ,to 39°00'00"N lat., 85°59'30"W long., to 38°57'48"N lat., 86°01'29"W long., to 38°57'48"N lat., 86°16'06"W long., to 39°06'00"N lat., 86°15'00"W long., to the point of beginning.
Designated altitudes. 500' AGL up to but not including 4,000' MSL.
Time of designation. May 1 through September 30, 0700-2200 local time daily; October 1 through April 30, 0800-2200 local time, Tuesday through Saturday, other times by NOTAM; Racer A MOA will not be activated between 2200-0700 local time.
Controlling agency. FAA, Indianapolis ARTCC.
Using agency. HQ IN ANG Det 1, Camp Atterbury, Edinburgh, IN.

ADDED 08/03/06

Racer B MOA, IN
Boundaries. Beginning at 39°12'30"N lat., 86°09'50"W long., to 39°07'36"N lat., 86°08'00"W long., to 39°07'36"N lat., 85°59'30"W long., to 39°00'00"N lat., 85°59'30"W long., to 38°57'48"N lat., 86°01'29"W long., to 38°57'48"N lat., 86°16'06"W long., to 39°06'00"N lat., 86°15'00"W long., to the point of beginning.
Designated altitudes. 4,000' MSL up to 8,000' MSL.
Time of designation. May 1 through September 30, 0700-2200 local time daily; October 1 through April 30, 0800-2200 local time, Tuesday through Saturday, other times by NOTAM; Racer B MOA will not be activated between 2200-0700 local time.
Controlling agency. FAA, Indianapolis ARTCC.
Using agency. HQ IN ANG Det 1, Camp Atterbury, Edinburgh, IN.

ADDED 08/03/06

Racer C MOA, IN
Boundaries. Beginning at 39°12'30"N lat., 86°09'50"W long., to 39°12'30"N lat., 85°59'30"W long., to 39°07'36"N lat., 85°59'30"W long., to 39°07'36"N lat., 86°08'00"W long., to the point of beginning.
Designated altitudes. 500' AGL up to but not including FL 180.
Time of designation. May 1 through September 30, 0700-2200 local time daily; October 1 through April 30, 0800-2200 local time, Tuesday through Saturday, other times by NOTAM; Racer C MOA will not be activated between 2200-0700 local time.
Controlling agency. FAA, Indianapolis ARTCC.
Using agency. HQ IN ANG Det 1, Camp Atterbury, Edinburgh, IN.

ADDED 08/03/06

Racer D MOA, IN
Boundaries. Beginning at 39°22'00"N lat., 86°06'40"W long., to 39°22'00"N lat., 85°59'30"W long., to 39°21'30"N lat., 85°59'30"W long., to 39°21'30"N lat., 86°06'00"W long., to 39°13'00"N lat., 86°06' 00"W long., to 39°13'00"N lat., 85°59'30"W long., to 39°12'30"N lat., 85°59'30"W long., to 39°12'30"N lat., 86°09'50"W long., to 39°19'00"N lat., 86°11'20"W long., to the point of beginning.
Designated altitudes. 14,000' MSL up to but not including FL 180.
Time of designation. May 1 through September 30, 0700-2200 local time daily; October 1 through April 30, 0800-2200 local time, Tuesday through Saturday, other times by NOTAM; Racer D MOA will not be activated between 2200-0700 local time.
Controlling agency. FAA, Indianapolis ARTCC.
Using agency. HQ IN ANG Det 1, Camp Atterbury, Edinburgh, IN.

ADDED 08/03/06

Rainier 1 MOA, WA
Boundaries. Beginning at lat. 47°03'37"N., long. 122°35'40"W.; to lat. 46°54'49"N., long. 122°35'30"W.; to lat. 46°54'10"N., long. 122°39'16"W.; to lat. 46°52'49"N., long.122°42'09"W.; to lat. 46°52'49"N., long. 122°44'11"W.; to lat. 47°03'07"N., long. 122°41'09"W.; to lat. 47°04'34"N., long. 122°41'09"W.; to lat. 47°04'41"N., long. 122°38'19"W.; to the point of beginning.
Altitudes. 2,000 feet MSL to 9,000 feet MSL, excluding the airspace in R-6703 A, B, C, D, E, F, H, and J.
Times of use. Intermittent by NOTAM; contact nearest Flight Service Station.
Controlling agency. FAA, Seattle TRACON.
Using agency. U.S. Army, Joint Base Garrison Commander, Joint Base Lewis-McChord, WA.

BOUNDARIES AND ALTITUDES CHANGED 07/19/18

Rainier 2 MOA, WA
Boundaries. Beginning at lat. 47°01'47"N., long. 122°31'42"W.; to lat. 47°00'59"N., long. 122°31'41"W.; to lat. 46°59'42"N., long. 122°32'36"W.; to lat. 46°56'32"N., long.122°33'13"W.; to lat. 46°56'06"N., long. 122°34'15"W.; to lat. 46°54'49"N., long. 122°35'30"W.; to lat. 47°03'37"N., long. 122°35'40"W.; to the point of beginning.
Altitudes. 2,000 feet MSL to 9,000 feet MSL, excluding the airspace in R-6703 F,G, H and I.
Times of use. Intermittent by NOTAM, contact nearest Flight Service Station.
Controlling agency. FAA, Seattle TRACON.
Using agency. U.S. Army, Joint Base Garrison Commander, Joint Base Lewis-McChord, WA.

BOUNDARIES AND ALTITUDES CHANGED 07/19/18

Ranch High MOA, NV
Boundaries. Beginning at lat. 39°13'15"N., long. 119°02'00"W.; to lat. 39°08'00"N., long. 119°01'00"W.; to lat. 38°59'11"N., long. 118°48'00"W.; to lat. 39°14'25"N., long. 118°49'25"W.; to the point of beginning. Excluding that airspace in R-4810 when active.
Altitudes. 9000 feet MSL to 13,000 feet MSL.
Times of use. 0715 to 2245 Monday through Friday and 0800 to 1800 Saturday; other times by NOTAM.
Controlling agency. FAA, Oakland ARTCC.
Using agency. U.S. Navy, Commander, Naval Strike and Air Warfare Center, Fallon, NV.

CONTROLLING AGENCY CHANGED 01/08/15

Ranch Low MOA, NV
Boundaries. Beginning at lat. 38°58'00"N., long. 118°42'54"W.; to lat. 39°17'00"N., long. 118°21'03"W.; to lat. 39°14'25"N., long. 118°49'25"W. to lat. 39°13'15"N., long. 119°02'00"W.; to lat. 39°08'00"N., long. 119°01'00"W.; to lat. 38°59'11"N., long. 118°48'00"W.; to the point of beginning. Excluding that airspace in R-4810 when active.
Altitudes. 500 feet AGL to 9,000 feet MSL.
Times of use. 0715 to 2245 Monday through Friday and 0800 to 1800 Saturday; other times by NOTAM.
Controlling agency. FAA, Oakland ARTCC.
Using agency. U.S. Navy, Commander, Naval Strike and Air Warfare Center, Fallon, NV.

ADDED 01/08/15

Randolph 1A MOA, TX
Boundaries. Beginning at lat. 29°31'45"N., long. 97°45'07"W.; thence clockwise along the 27 NM arc of the Randolph, TX, TACAN, to lat. 29°17'04"N., long. 97°50'28"W.; to lat. 28°52'43"N., long. 97°09'58"W.; thence counterclockwise along the 70 NM arc of the Randolph TACAN to lat. 29°11'46"N., long. 96°59'26"W.; to lat. 29°07'27"N., long. 96°45'34"W.; thence counterclockwise along the 83 NM arc of the Randolph TACAN to lat. 29°25'53"N., long. 96°41'14"W.; to lat. 29°26'57"N., long. 96°56'05"W.; thence counterclockwise along the 70 NM arc of the Randolph TACAN to lat. 29°30'38"N., long. 96°55'51"W.; to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL l80.
Times of use. Sunrise–sunset, local time, Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Houston ARTCC.
Using agency. U.S. Air Force, 12th FTW, Randolph AFB, TX.

AMENDED 04/15/04

Randolph 1B MOA, TX
Boundaries. Beginning at lat. 29°18'36"N., long. 97°53'24"W.; to lat. 29°05'14"N., long. 97°30'36"W.; arc clockwise on 48 DME arc (Randolph TACAN) to lat. 28°44'33"N., long.

98°08'31"W.; to lat. 29°08'09"N., long. 98°15'46"W.; arc counterclockwise on 24 DME arc (Randolph TACAN) to point of beginning.
Altitudes. 7,000 feet MSL to but not including FL 180.
Times of use. Sunrise-sunset Monday-Friday; other times by NOTAM.
Controlling agency. San Antonio Terminal Radar Approach Control.
Using agency. Commander, 12 Flying Training Wing, Randolph AFB, TX.

REVISED 05/25/95

Randolph 2A MOA, TX
Boundaries. Beginning at lat. 29°50'58"N., long. 99°35'09"W.; to lat. 29°44'47"N., long. 99°01'24"W.; arc counterclockwise on the 30 NM arc (San Antonio VORTAC) to lat. 29°15'36"N., long. 98°49'45"W.; to lat. 28°52'43"N., long. 99°11'58"W.; arc clockwise on the 60 NM arc (San Antonio VORTAC) to the point of beginning.
Altitudes. 9,000 feet MSL to but not including FL 180.
Times of use. Sunrise-sunset Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Houston ARTCC.
Using agency. 12th Flying Training Wing, Randolph AFB, TX.

ALTITUDES CHANGED 04/28/94

Randolph 2B MOA, TX
Boundaries. Beginning at lat. 29°40'46"N., long. 99°02'02"W.; to lat. 29°39'46"N., long. 98°44'51"W.; arc counterclockwise on the 15 NM arc (San Antonio VORTAC) to lat. 29°27'10"N., long. 98°38'47"W.; to lat. 29°15'36"N., long. 98°49'45"W.; arc clockwise on the 30 NM arc (San Antonio VORTAC) to the point of beginning.
Altitudes. 14,000 feet MSL to but not including FL 180.
Times of use. Sunrise-sunset Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Houston ARTCC.
Using agency. 12th Flying Training Wing, Randolph AFB, TX.

ALTITUDES CHANGED 04/28/94

Redhawk A MOA, OR
Boundaries. Beginning at lat. 45°33’00”N., long. 120°52’00”W.; to lat. 45°30’00”N., long. 120°15’30”W.; to lat. 45°00’00”N., long. 120°24’00”W.; to lat. 45°06’00”N., long. 121°01’00”W.; to the point of beginning.
Altitudes. 11,000 feet MSL up to but not including FL 180.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Seattle ARTCC.
Using agency. USAF, 142 FW, Portland Air National Guard, OR.

ADDED 12/07/17

Redhawk B MOA, OR
Boundaries. Beginning at lat. 45°30’00”N., long. 120°15’30”W.; to lat. 45°23’00”N., long. 119°08’00”W.; to lat. 44°35’00”N., long. 119°09’00”W.; to lat. 45°00’00”N., long. 120°24’00”W.; to the point of beginning.
Altitudes. 11,000 feet MSL up to but not including FL 180.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Seattle ARTCC.
Using agency. USAF, 142 FW, Portland Air National Guard, OR.

ADDED 12/07/17

Redhawk C MOA, OR
Boundaries. Beginning at lat. 45°06’00”N., long. 121°01’00”W.; to lat. 45°00’00”N., long. 120°24’00”W.; to lat. 44°35’00”N., long. 119°09’00”W.; to lat. 44°25’00”N., long. 119°09’00”W.; to lat. 44°27’00”N., long. 121°01’00”W.; to the point of beginning.
Altitudes. 11,000 feet MSL up to but not including FL 180.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Seattle ARTCC.
Using agency. USAF, 142 FW, Portland Air National Guard, OR.

ADDED 12/07/17

Red Hills MOA, IN
Boundaries. Beginning at lat. 38°50'00"N., long. 88°25'00"W.; to lat. 38°58'00"N., long. 87°24'30"W.; to lat. 38°55'00"N., long. 87°19'00"W.; to lat. 38°46'00"N., long. 87°17'00"W.; to lat. 38°26'00"N., long. 87°30'00"W.; to lat. 38°27'00"N., long. 88°25'00"W.; to the point of beginning.
Altitudes. 6,000 feet MSL to but not including FL 180.
Times of use. 0800-2200, Monday-Sunday.
Controlling agency. FAA, Indianapolis ARTCC.
Using Agency. 122 Fighter Wing, Indiana Air National Guard, Fort Wayne, IN.

USING AGENCY CHANGED 07/29/10

Reno MOA, NV
Boundaries. Beginning at lat. 40°56'36"N., long. 119°49'08"W.; to lat. 40°54'44"N., long. 119°31'44"W.; to lat. 40°46'03"N., long. 119°07'39"W.; to lat. 40°09'56"N., long. 119°23'15"W.; thence counterclockwise on the Mustang VORTAC 40 NM arc to lat. 40°11'45"N., long. 119°43'55"W.; to the point of beginning.
Altitudes. 13,000 feet MSL to but not including FL 180.

Times of use. 0800-1800 Monday through Friday, other times by NOTAM.
Controlling agency. FAA, Oakland ARTCC.
Using Agency. USN, Naval Strike and Air Warfare Center, Fallon, NV.

TIMES OF USE AND USING AGENCY CHANGED 02/21/02

Reserve MOA, AZ
Boundaries. Beginning at lat. 34°00'00"N., long. 109°34'02"W.; to lat. 34°00'00"N., long. 108°48'00"W.; to lat. 33°54'00"N., long. 108°48'00"W.; to lat. 33°29'40"N., long.108°07'20"W.; to lat. 33°15'00"N., long. 108°24'32"W.; to lat. 33°15'00"N., long. 109°34'02"W.; to the point of beginning.
Altitudes. 5,000 feet AGL to but not including FL 180.
Times of use. By NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. U.S. Air Force, Commander, 162nd Fighter Training Group, Tucson, AZ.

REVISED 09/16/93

Reveille North MOA, NV
Boundaries. Beginning at lat. 37°59'57"N., long. 116°40'01"W.; to lat. 38°14'00"N., long. 116°18'52"W.; to lat. 38°14'00"N., long. 115°00'00"W.; to lat. 38°01'00"N., long.114°12'03"W.; to lat. 38°01'00"N., long. 114°30'03"W.; to lat. 37°59'59"N., long. 114°42'06"W.; thence to the point of beginning.
Altitudes. 100 feet AGL to, but not including FL 180.
Times of use. 0600-2000 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Salt Lake City ARTCC.
Using agency. USAF, Commander, Air Warfare Center, Nellis AFB, NV.

ADDED 01/23/03

Reveille South MOA, NV
Boundaries. Beginning at lat. 37°53’00”N., long. 116°50’00”W.; to lat. 37°59’57”N., long. 116°40’01”W.; to lat. 37°59’59”N., long. 114°42’06”W.; to lat. 37°53’00”N., long. 116°11’03”W.; thence to the point of beginning.
Altitudes. 100 feet AGL to but not including FL 180.
Times of use. 0600-2000 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Salt Lake City ARTCC.
Using agency. USAF, Commander, Air Warfare Center, Nellis AFB, NV.

ADDED 01/23/03

Riley MOA, KS
Boundaries. Beginning at lat. 39°33'30"N., long. 97°00'01"W.; to lat. 39°33'30"N., long. 96°45'00"W.; to lat. 39°25'45"N., long. 96°36'30"W.; to lat. 39°12'17"N., long. 96°40'56"W.; to lat. 39°13'00"N., long. 96°42'36"W.; to lat. 39°13'15"N., long. 96°42'36"W.; to lat. 39°13'59"N., long. 96°45'25"W.; to lat. 39°14'34"N., long. 96°45'58"W.; to lat. 39°15'20"N., long. 96°46'29"W.; to lat. 39°16'57"N., long. 96°48'47"W.; to lat. 39°17'45"N., long. 96°49'51"W.; to lat. 39°17'54"N., long. 96°50'12"W.; to lat. 39°17'43"N., long. 96°52'27"W.; to lat. 39°18'21"N., long. 96°53'49"W.; to lat. 39°18'09"N., long. 96°55'04"W.; to lat. 39°18'23"N., long. 96°55'59"W.; to lat. 39°18'24"N., long. 96°57'39"W.; to lat. 39°12'40"N., long. 96°57'40"W.; thence along the shoreline of the main body of Milford Reservoir to lat. 39°10'58"N., long. 96°54'39"W.; to lat. 39°10'58"N., long. 96°53'14"W.; to lat. 39°08'22"N., long. 96°53'14"W.; to lat. 39°08'22"N., long. 96°49'53"W.; to lat. 39°07'54"N., long. 96°49'53"W.; to lat. 39°04'24"N., long. 96°52'23"W.; to lat. 39°05'45"N., long. 97°00'01"W.; to the point of beginning.
Altitudes. 7,000 feet MSL up to, but not including FL 180.
Times of use. Intermittent by NOTAM.
Controlling Agency. FAA, Kansas City ARTCC.
Using agency. U.S. Army, Commanding General, Fort Riley, KS.

BOUNDARIES AND USNING AGENCY CHANGED 12/10/15

Rivers MOA, OK
Boundaries. Beginning at lat. 34°46'18"N., long. 95°43'30"W.; to lat. 34°38'00"N., long. 94°44'30"W.; to lat. 33°57'20"N., long. 95°14'30"W.; to lat. 34°02'12"N., long. 95°58'49"W.; to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.
Times of use. 0900-2100 Monday-Friday; weekends by NOTAM.
Controlling agency. FAA, Fort Worth ARTCC.
Using agency. U. S. Air Force, 138th Fighter Group, Tulsa International Airport, OK.

TIMES OF USE CHANGED 05/22/97

Roberts MOA, CA
Boundaries. Beginning at lat. 36°03'30"N., long. 121°06'44"W.; to lat. 35°51'00"N., long. 120°46'24"W.; to lat. 35°44'30"N., long. 120°42'44"W.; to lat. 35°39'40"N., long.120°43'24"W.; to the point of beginning, excluding Restricted Area R-2504.
Altitudes. From 500 feet AGL up to but not including 15,000 feet MSL.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Oakland ARTCC.
Using agency. Commander, Strike Fighter Wing Pacific Fleet, Naval Air Station, Lemoore, CA.

USING AGENCY CHANGED 04/25/96

Roosevelt A MOA, WA
Boundaries. Beginning at lat. 49°00'00"N., long. 119°00'04"W.; to lat. 49°00'00"N., long. 117°23'04"W.; to lat. 49°00'00"N., long. 116°48'04"W.; to lat. 48°22'00"N., long.117°28'04"W.; to lat. 48°22'00"N., long. 118°06'04"W.; to lat. 48°19'30"N., long. 118°14'34"W.; to lat. 48°03'30"N., long. 119°00'04"W.; to the point of beginning.
Altitudes. 9,000 feet MSL to but not including FL 180.
Times of use. Intermittent by NOTAM; contact nearest Flight Service Station.
Controlling agency. FAA, Seattle ARTCC.
Using agency. U.S. Navy, Commanding Officer, NAS Whidbey Island, Oak Harbor, WA.

USING AGENCY CHANGED 07/22/93

Roosevelt B MOA, WA
Boundaries. Beginning at lat. 48°03'30"N., long. 119°00'04"W.; to lat. 49°00'00"N., long. 119°00'04"W.; to lat. 49°00'00"N., long. 117°23'04"W.; via a line parallel to and 2 NM west of the west bank of the Pend Oreille River, WA; to lat. 48°38'00"N., long. 117°25'04"W.; to lat. 48°38'00"N., long. 118°10'34"W.; then via a line parallel to and 2 NM west of the west bank of the Columbia River, WA; to lat. 48°19'30"N., long. 118°14'34"W.; to the point of beginning.
Altitudes. 300 feet AGL to but not including 9,000 feet MSL. Excluding the airspace 1,500 feet AGL and below within a 3 NM radius of the Ferry County Airport, Republic, WA.
Times of use. Intermittent by NOTAM; contact nearest Flight Service Station.
Controlling agency. FAA, Seattle ARTCC.
Using agency. U.S. Navy, Commanding Officer, NAS Whidbey Island, Oak Harbor, WA.

ALTITUDES CHANGED 06/23/94

Rose Hill MOA, AL
Boundaries. Beginning at lat. 31°06’51”N., long. 85°53’45”W.; thence clockwise via the 26 NM DME arc of the Wiregrass, AL VORTAC; to lat. 31°27’12”N., long. 85°53’51”W.; to lat. 31°35’42”N., long. 86°17’36”W.; thence counterclockwise via the 48 NM DME arc of the Wiregrass, AL VORTAC; to lat. 30°58’06”N., long. 86°17’16”W.; to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.
Times of use. 0600-2400 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U. S. Air Force, Commander, 96th Test Wing, Eglin AFB, FL.

BOUNDARIES AND ALTITUDES CHANGED 01/13/11

Ruby 1 MOA, AZ
Boundaries. Beginning at lat. 31°31'00"N., long. 111°38'32"W.; to lat. 31°43'30"N., long. 111°35'32"W.; to lat. 31°49'00"N., long. 111°32'02"W.; to lat. 31°49'00"N., long.111°04'02"W.; to lat. 31°38'55"N., long. 111°04'57"W.; to lat. 31°22'05"N., long. 111°11'12"W.; thence along the United States/Mexico border to the point of beginning.

Altitudes. 10,000 feet MSL to but not including FL 180.
Times of use. 0600-1900 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. 162nd Tactical Fighter Group, Tucson, AZ.

Sabre MOA, GA
Boundaries. Beginning at lat. 31°41'15"N., long. 84°02'00"W.; to lat. 31°29'40"N., long. 83°23'00"W.; to lat. 31°22'59"N., long. 83°09'40"W.; to lat. 30°36'21"N., long. 83°07'32"W.; to lat. 30°37'00"N., long. 83°21'20"W.; to lat. 31°20'00"N., long. 83°33'50"W.; to lat. 31°30'01"N., long. 84°06'00"W.; to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.
Times of use. 0700-0200 Monday-Friday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, 23rd Wing, Moody AFB, GA.

ADDED 08/17/17

Saddle A MOA, OR
Boundaries. Beginning at lat. 43°30'00"N., long. 117°35'04"W.; to lat. 43°30'00"N., long. 117°14'04"W.; to lat. 43°11'00"N., long. 117°08'04"W.; to lat. 42°52'30"N., long.117°35'04"W.; to the point of beginning.
Altitudes. 10,000 feet MSL to but not including FL 180.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Salt Lake City ARTCC.
Using agency. 124th Tactical Reconnaissance Group, Idaho Air National Guard, Gowen Field, Boise, ID 83705.

Saddle B MOA, OR
Boundaries. Beginning at lat. 43°30'00"N., long. 117°35'04"W.; to lat. 42°52'30"N., long. 117°35'04"W.; to lat. 42°50'00"N., long. 117°38'04"W.; to lat. 42°47'00"N., long.117°51'04"W.; to lat. 43°21'30"N., long. 118°35'04"W.; to lat. 43°30'00"N., long. 118°25'34"W.; to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Salt Lake City ARTCC.
Using agency. 124th Tactical Reconnaissance Group, Idaho Air National Guard, Gowen Field, Boise, ID 83705.

Salem MOA, MO
Boundaries. Beginning at lat. 37°13'46"N., long. 90°34'02"W.; to lat. 37°43'13"N., long. 90°35'32"W.; to lat. 37°54'14"N., long. 91°09'09"W.; to lat. 37°41'28"N., long. 91°29'37"W.;

thence via the 60 NM arc of the Farmington, MO, VORTAC to lat. 37°19'53"N., long. 91°24'55"W.; to lat. 37°10'35"N., long. 91°00'57"W.; to the point of beginning.
Altitudes. Surface to but not including 7,000 feet MSL, excluding that airspace 1,500 feet AGL and below within a 3 NM radius of the Viburnam Airport, Viburnam, MO, Bismark Airport, Bismark, MO, and Dove Airport, Middle Brook, MO.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Kansas City ARTCC.
Using agency. 131 Tactical Fighter Wing, Missouri Air National Guard, Lambert-St. Louis International Airport, MO.

ALTITUDES CHANGED 06/23/94

Salinas 1 MOA, PR
Boundaries. Beginning at lat. 18°05'08"N., long. 66°18'25"W.; to lat. 18°02'53"N., long. 66°12'19"W.; to lat. 17°56'53"N., long. 66°16'44"W.; to lat. 18°00'51"N., long. 66°23'06"W.; to the point of beginning, excluding that airspace within R-7103A, R-7103B and R-7103C.
Altitudes. 500 feet AGL to 15,000 feet MSL.
Times of use. Intermittent, 0700-2200, daily.
Controlling agency. FAA CERAP, San Juan, PR.
Using agency. 156th Airlift Wing, Puerto Rico Air National Guard.

USING AGENCY CHANGED 09/30/04

Salinas 2 MOA, PR
Boundaries. Beginning at lat. 18°05'08"N., long. 66°18'25"W.; to lat. 18°00'51"N., long. 66°23'06"W.; to lat. 18°03'08"N., long. 66°23'59"W.; to the point of beginning, excluding that airspace within R-7103A, R-7103B and R-7103C.
Altitudes. 500 feet AGL to 3,000 feet MSL.
Times of use. Intermittent, 0700-2200, daily.
Controlling agency. FAA CERAP, San Juan, PR.
Using agency. 156th Airlift Wing, Puerto Rico Air National Guard.

USING AGENCY CHANGED 09/30/04

Saline MOA, CA
Boundaries. Beginning at lat. 37°12'00"N., long. 118°00'03"W.; to lat. 37°12'00"N., long. 117°20'03"W.; to lat. 36°30'00"N., long. 116°55'03"W.; to lat. 36°30'00"N., long.117°48'03"W.; to lat. 36°46'00"N., long. 118°00'03"W.; to the point of beginning. Excluding that airspace 3000 feet AGL and below south and east of a line beginning at lat. 37°01'19"N., long. 117°13'39"W.; to lat. 37°01'19"N., long. 117°13'50"W.; at lat. 7°05'01"N., long. 117°18'54"W.; at lat. 37°05'05"N., long. 117°33'47"W.; at lat. 36°58'57"N., long.117°33'47"W.; at lat. 36°58'56"N., long. 117°34'05"W.; at lat. 36°53'55"N., long. 117°34'11"W.; at lat. 36°53'51"N., long. 117°35'16"W.; at lat. 36°51'10"N., long. 117°35'16"W.; at lat. 36°51'08"N., long. 117°36'20"W.; at lat. 36°47'58"N., long.

117°36'18"W.; at lat. 36°47'51"N., long.117°37'07"W.; at lat. 36°40'21"N., long. 117°37'08"W.; at lat. 36°40'21"N., long.117°36'03"W.; at lat. 36°37'45"N., long. 117°36'05"W.; at lat. 36°37'45"N., long. 117°31'44"W.; at lat. 36°36'52"N., long. 117°31'44"W.; at lat. 36°36'56"N., long. 117°30'53"W.; at lat. 36°36'38"N., long. 117°30'36"W.; at lat. 36°36'31"N., long. 117°29'54"W.; at lat. 36°35'54"N., long. 117°29'43"W.; at lat. 36°35'27"N., long. 117°28'59"W.; at lat. 36°35'29"N., long.117°28'41"W.; at lat. 36°34'21"N., long. 117°28'32"W.; at lat. 36°33'29"N., long. 117°28'45"W.; at lat. 36°32'39"N., long. 117°30'16"W.; at lat. 36°31'56"N., long.117°30'08"W.; at lat. 36°31'29"N., long. 117°28'20"W.; at lat. 36°30'16"N., long. 117°25'34"W.; at lat. 36°30'00"N., long. 117°25'35"W.
Altitudes. 200 feet AGL to but not including FL 180. Except 3,000 feet AGL and below over Death Valley National Monument.
Times of use. 0600-2200 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Joshua Control Facility, Edwards AFB, CA.
Using agency. R-2508 Complex Control Board.

ALTITUDES CHANGED 12/07/17

Sells 1 MOA, AZ
Boundaries. Beginning at lat. 31°58'00"N., long. 113°05'33"W.; to lat. 32°11'30"N., long. 113°05'33"W.; to lat. 32°11'30"N., long. 112°56'48"W.; to lat. 32°29'00"N., long.112°53'33"W.; to lat. 32°50'25"N., long. 112°49'03"W.; to lat. 32°50'52"N., long. 112°42'56"W.; to lat. 32°49'00"N., long. 112°39'03"W.; to lat. 32°38'30"N., long. 112°18'03"W.; to lat. 32°15'10"N., long. 111°36'02"W.; to lat. 31°57'45"N., long. 111°36'02"W.; to lat. 31°49'00"N., long. 111°32'02"W.; to lat. 31°43'30"N., long. 111°35'32"W.; to lat. 31°31'00"N., long.111°38'32"W.; thence along the United States/Mexico border to the point of beginning, excluding Restricted Areas R-2304 and R-2305.
Altitudes. 10,000 feet MSL to but not including FL 180.
Times of use. 0600-1900 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. U.S. Air Force, 56th Fighter Wing, Luke AFB, AZ.

USING AGENCY CHANGED 03/20/03

Sells Low MOA, AZ
Boundaries. Beginning at lat. 31°58'00"N., long. 113°05'33"W.; to lat. 32°11'30"N., long. 113°05'33"W.; to lat. 32°11'30"N., long. 112°56'48"W.; to lat. 32°29'00"N., long.112°53'33"W.; to lat. 32°29'00"N., long. 112°43'03"W.; to lat. 32°26'40"N., long. 112°43'33"W.; to lat. 32°26'40"N., long. 112°18'03"W.; to lat. 32°38'30"N., long. 112°18'03"W.; to lat. 32°15'10"N., long. 111°36'02"W.; to lat. 31°57'45"N., long. 111°36'02"W.; to lat. 31°49'00"N., long. 111°32'02"W.; to lat. 31°43'30"N., long. 111°35'32"W.; to lat. 31°31'00"N., long.111°38'32"W.; thence along the United States/Mexico border to the point of beginning.
Altitudes. From 3,000 AGL up to but not including 10,000 MSL.

Times of use. 0600-1900 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. U.S. Air Force, 56th Fighter Wing, Luke AFB, AZ.

USING AGENCY CHANGED 03/20/03

Sevier A MOA, UT
Boundaries. Beginning at lat. 39°23'00"N., long. 114°03'03"W.; to lat. 39°23'00"N., long. 113°19'03"W.; to lat. 39°39'50"N., long. 113°02'37"W.; to lat. 39°34'00"N., long.112°55'03"W.; to lat. 39°00'00"N., long. 113°22'03"W.; to lat. 39°00'00"N., long. 113°59'03"W.; to the point of beginning.
Altitudes. 100 feet AGL to 14,500 feet MSL.
Times of use. 0700-0000 Monday-Friday and 0800-1700 Saturday; other times by NOTAM.
Controlling agency. FAA, Salt Lake City ARTCC.
Using agency. 388th Tactical Fighter Wing, Tactical Air Command, Hill AFB, UT 84406.

TIMES OF USE CHANGED 07/29/10

Sevier B MOA, UT
Boundaries. Beginning at lat. 38°30'00"N., long. 113°36'03"W.; to lat. 38°43'00"N., long. 113°56'03"W.; to lat. 39°00'00"N., long. 113°59'03"W.; to lat. 39°00'00"N., long.113°22'03"W.; to lat. 39°34'00"N., long. 112°55'03"W.; to lat. 39°39'50"N., long. 113°02'37"W.; to lat. 40°00'00"N., long. 112°43'03"W.; to lat. 40°16'00"N., long. 112°43'03"W.; to lat. 40°25'00"N., long. 112°50'03"W.; to lat. 40°34'25"N., long. 112°56'38"W.; to lat. 40°31'00"N., long. 112°37'03"W.; to lat. 39°59'00"N., long. 112°32'03"W.; to lat. 39°47'00"N., long. 112°36'03"W.; to lat. 38°42'00"N., long. 113°04'03"W.; to the point of beginning.
Altitudes. 100 feet AGL to 9,500 feet MSL.
Times of use. 0700-0000 Monday-Friday and 0800-1700 Saturday; other times by NOTAM.
Controlling agency. FAA, Salt Lake City ARTCC.
Using agency. 6501 Range Squadron (AFSC), Hill AFB, UT 84406.

TIMES OF USE CHANGED 07/29/10

Sevier C MOA, UT
Boundaries. Beginning at lat. 39°23'00"N., long. 114°03'03"W.; to lat. 39°00'00"N., long. 113°59'03"W.; to lat. 39°00'00"N., long. 113°22'03"W.; to lat. 39°34'00"N., long.112°55'03"W.; to lat. 39°39'50"N., long. 113°02'37"W.; to lat. 39°23'00"N., long. 113°19'03"W.; to the point of beginning.
Altitudes. 14,500 feet MSL to but not including FL 180.

Times of use. By NOTAM 6 hours in advance.
Controlling agency. FAA, Salt Lake City ARTCC.
Using agency. USAF, Commander, 6501 Range Squadron (AFSC), Hill AFB, UT.

ADDED 08/23/90

Sevier D MOA, UT
Boundaries. Beginning at lat. 39°00'00"N., long. 113°59'03"W.; to lat. 38°43'00"N., long. 113°56'03"W.; to lat. 38°30'00"N., long. 113°36'03"W.; to lat. 38°42'00"N., long.113°04'03"W.; to lat. 39°47'00"N., long. 112°36'03"W.; to lat. 39°59'00"N., long. 112°32'03"W.; to lat. 40°31'00"N., long. 112°37'03"W.; to lat. 40°34'25"N., long. 112°56'38"W.; to lat. 40°25'00"N., long. 112°50'03"W.; to lat. 40°16'00"N., long. 112°43'03"W.; to lat. 40°00'00"N., long. 112°43'03"W.; to lat. 39°39'50"N., long. 113°02'37"W.; to lat. 39°34'00"N., long.112°55'03"W.; to lat. 39°00'00"N., long. 113°22'03"W.; to the point of beginning.
Altitudes. 9,500 feet MSL to but not including FL 180.
Times of use. By NOTAM 6 hours in advance.
Controlling agency. FAA, Salt Lake City ARTCC.
Using agency. USAF, Commander, 6501 Range Squadron (AFSC), Hill AFB, UT.

BOUNDARIES REVISED 10/18/90

Seymour Johnson Echo MOA, NC
Boundaries. Beginning at lat. 35°40'26"N., long. 78°27'59"W.; to lat. 35°26'31"N., long. 77°54'59"W.; to lat. 34°58'01"N., long. 78°03'29"W.; to lat. 35°01'01"N., long. 78°31'59"W.; to lat. 35°27'01"N., long. 78°37'59"W.; to the point of beginning.
Altitudes. 7,000 feet MSL to but not including FL 180.
Times of use. 0600-2000 Monday-Friday; other times by NOTAM. Contact nearest Flight Service Station.
Controlling agency. FAA, Washington ARTCC.
Using agency. U.S. Air Force, Commander, 4th Fighter Wing, Seymour Johnson AFB, NC.

USING AGENCY CHANGED 03/10/11

Sheppard 1 MOA, TX
Boundaries. Beginning at lat. 34°46'24"N., long. 98°52'00"W.; to lat. 34°38'15"N., long. 98°48'31"W.; to lat. 34°38'15"N., long. 98°17'01"W.; to lat. 34°23'15"N., long. 98°25'46"W.; to lat. 34°19'30"N., long. 98°29'01"W.; to lat. 34°12'57"N., long. 98°32'06"W.; to lat. 34°09'39"N., long. 98°46'54"W.; to lat. 34°15'00"N., long. 99°00'01"W.; to lat. 34°23'30"N., long. 99°12'31"W.; to lat. 34°28'00"N., long. 99°08'01"W.; to lat. 34°35'36"N., long. 99°15'19"W.; thence clockwise via the 49 NM arc of the SPS VORTAC to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.

Times of use. Normally, Monday-Friday, one hour before sunrise to one hour after sunset; other times by NOTAM.
Controlling agency. FAA, Fort Worth ARTCC.
Using agency. 80th Flying Training Wing, Sheppard AFB, TX.

BOUNDARIES AND CONTROLLING AGENCY CHANGED 02/09/89

Sheppard 2 MOA, TX
Boundaries. Beginning at lat. 34°46'28"N., long. 97°56'55"W.; thence clockwise via the 57 NM arc of the SPS VORTAC to lat. 34°32'35"N., long. 97°39'47"W.; to lat. 33°54'26"N., long. 97°43'02"W.; to lat. 33°57'38"N., long. 98°17'40"W.; to lat. 34°09'30"N., long. 98°23'31"W.; to lat. 34°36'00"N., long. 98°05'46"W.; to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.
Times of use. Normally, Monday-Friday, one hour before sunrise to one hour after sunset; other times by NOTAM.
Controlling agency. FAA, Fort Worth ARTCC.
Using agency. 80th Flying Training Wing, Sheppard AFB, TX.

BOUNDARIES AND CONTROLLING AGENCY CHANGED 02/09/89

Shirley A MOA, AR
Boundaries. Beginning at lat. 35°19’00”N., long. 092°38’00”W.; to lat. 35°19’00”N., long. 093°12’00”W.; to lat. 35°38’15”N., long. 093°35’00”W.; to lat. 36°02’00”N., long. 093°13’00”W.; to lat. 36°02’00”N., long. 092°38’00”W.; to the point of beginning.
Designated altitudes. 11,000 feet MSL to, but not including, FL 180.
Time of designation. 0700-1200 and 1300-1700, Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Memphis ARTCC.
Using agency. Arkansas Air National Guard, 188th Fighter Wing, Ft. Smith, AR.

ADDED 02/11/10

Shirley B MOA, AR
Boundaries. Beginning at lat. 35°19’00”N., long. 092°38'00"W.; to lat. 36°02’00”N., long. 092°38'00"W.; to lat. 36°02’00”N., long. 091°55’01”W.; to lat. 35°58’53”N., long. 091°46’00”W.; to lat. 35°19’00”N., long. 092°02’00”W.; to the point of beginning.
Designated altitudes. 11,000 feet MSL to, but not including, FL 180.
Time of designation. 0700-1200 and 1300-1700, Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Memphis ARTCC.
Using agency. Arkansas Air National Guard, 188th Fighter Wing, Ft. Smith, AR.

ADDED 02/11/10

Shirley C MOA, AR
Boundaries. Beginning at lat. 35°19’00”N., long. 092°02’00”W.; to lat. 35°58’53”N., long. 091°46’00”W.; to lat. 35°53’00”N., long. 091°28’30”W.; to lat. 35°38’00”N., long. 091°28’30”W.; to lat. 35°19’00”N., long. 091°45’01”W.; to the point of beginning.
Designated altitudes. 11,000 feet MSL to, but not including, FL 180.
Time of designation. By NOTAM.
Controlling agency. FAA, Memphis ARTCC.
Using agency. Arkansas Air National Guard, 188th Fighter Wing, Ft. Smith, AR.

ADDED 02/11/10

Shoshone MOA, CA
Boundaries. Beginning at lat. 36°30'00"N., long. 116°55'03"W.; to lat. 36°30'00"N., long. 116°47'03"W.; to lat. 36°06'00"N., long. 116°18'03"W.; to lat. 35°39'00"N., long.115°53'03"W.; to lat. 35°18'45"N., long. 116°18'48"W.; to lat. 35°28'35"N., long. 116°18'48"W.; to lat. 35°34'30"N., long. 116°23'33"W.; to the point of beginning. Excluding that airspace (1) 3000 feet AGL and below north and west of a line from beginning: at lat. 35°39'03"N., long. 116°26'06"W.; to lat. 35°39'03"N., long. 116°21'48"W.; to lat. 35°48'14"N., long.116°21'49"W.; to lat. 35°48'11"N., long. 116°29'41"W.; to lat. 35°52'17"N., long. 116°29'43"W.; to lat. 35°52'18"N., long. 116°29'22"W.; to lat. 35°58'22"N., long. 116°29'26"W.; to lat. 35°58'23"N., long. 116°35'47"W.; to lat. 36°10'08"N., long. 116°35'47"W.; to lat. 36°10'11"N., long. 116°38'58"W.; to lat. 36°17'57"N., long. 116°39'01"W.; to lat. 36°17'58"N., long.116°40'33"W.; to lat. 36°18'30"N., long. 116°41'05"W.; to lat. 36°24'54"N., long. 116°41'04"W.; to lat. 36°24'54"N., long. 116°40'51"W.; (2) 1500 feet AGL and below within a 3NM radius of the Shoshone airport.
Altitudes. 200 feet AGL to but not including FL 180. Except 3,000 feet AGL and below over Death Valley National Monument. Except 1,500 feet AGL and below within a 3 nautical mile radius of the following airport: Shoshone.
Times of use. 0600-2200 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. R-2508 Complex Control Board.

ALTITUDES CHANGED 12/07/17

Silver MOA North, CA
Boundaries. Beginning at lat. 35°39’00”N., long. 115°53’03”W.; to lat. 35°24’30”N., long. 115°53’03”W.; to lat. 35°06’50”N., long. 116°20’00”W.; to lat. 35°04’30”N., long. 116°29”00”W.; to lat. 35°07’00”N.; long. 116°34’03”W.; to point of beginning. Excluding the airspace below 3,000 feet AGL within a 3NM radius of the town of Baker, CA (lat. 35°16’00”N long. 116°04’33”W;) and R-2502A.
Designated altitudes. 200 feet AGL to 9,000 feet MSL.

Time of use. Intermittent by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. USAF, 57th Wing, Nellis AFB, NV.

BOUNDARIES CHANGED 12/17/09

Silver MOA South, CA
Boundaries. Beginning at lat. 35°07'00"N., long. 116°34'03"W.; to lat. 35°04'30"N., long. 116°29'00"W.; to lat. 35°01'20"N., long. 116°41'03"W.; to point of beginning.
Designated altitudes. 200 feet AGL to 7,000 feet MSL.
Time of use. Intermittent by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. USAF, 57th Wing, Nellis AFB, NV.

DESIGNATED ALTITUDES CHANGED 11/23/06

Smitty MOA, NM
Boundaries. Beginning at lat. 34°19'30"N., long. 108°48'00"W.; to lat. 34°17'00"N., long. 107°11'00"W.; to lat. 34°09'30"N., long. 107°11'00"W.; to lat. 33°27'58"N., long. 108°04'32"W.; to lat. 33°54'00"N., long. 108°48'00"W.; to the point of beginning, excluding that airspace at and below 2,000'AGL, within a3 NM radius of the Magdalena Airport and within a 1 NM radius of lat. 34°07'00"N., long 107°14'38"W.; and below 2,000' AGL over the Withington Wilderness Area.
Altitudes. 500' AGL to but not including 13,500' MSL, excluding the airspace below 1,600' AGL west of a line from lat. 34°18'47"N., long. 108°14'52"W.; to lat. 33°58'51"N., long. 108°13'14"W.; to lat. 33°52'01"N., long. 108°19'44"W.; to lat. 33°39'16"N., long. 108°23'17"W.
Times of use. 0800-2200 local time, daily.
Controlling agency. FAA, Albuquerque ARTCC.
Using Agency. Air National Guard, 150th Special Operations Wing, Kirtland Air Force Base, NM.

USING AGENCY CHANGED 10/15/15

Smoky MOA, KS
Boundaries. Beginning at lat. 38°48'22"N., long. 98°14'30"W.; to lat. 38°48'30"N., long. 98°09'01"W.; to lat. 38°45'20"N., long. 97°56'01"W.; to lat. 38°35'00"N., long. 97°56'01"W.; to lat. 38°35'00"N., long. 97°50'01"W.; to lat. 38°38'20"N., long. 97°50'01"W.; to lat. 38°38'20"N., long. 97°47'31"W.; to lat. 38°39'45"N., long. 97°46'01"W.; to lat. 38°27'20"N., long. 97°50'01"W.; to lat. 38°27'20"N., long. 98°02'46"W.; to lat. 38°24'13"N., long. 98°14'30"W.; to the point of beginning.
Altitudes. 500 feet AGL to but not including 5,000 feet MSL The airspace 1,500 AGL and below within a 3 NM radius of the Ellsworth Municipal Airport, KS is excluded from the MOA.
Times of use. 0900-1700 Monday-Saturday; other times by NOTAM.

Controlling agency. FAA, Kansas City ARTCC.
Using agency. U.S. Air Force, Air National Guard, 184th Air Refueling Wing, Detachment 1, Smoky Hill ANG Range, Salina, KS.

BOUNDARIES AND USING AGENCY CHANGED 12/12/15

Smoky High MOA, KS
Boundaries. Beginning at lat. 38°48'22"N., long. 98°14'30"W.; to lat. 38°48'30"N., long. 98°09'01"W.; to lat. 38°45'20"N., long. 97°56'01"W.; to lat. 38°35'00"N., long. 97°56'01"W.; to lat. 38°35'00"N., long. 97°50'01"W.; to lat. 38°38'20"N., long. 97°50'01"W.; to lat. 38°38'20"N., long. 97°47'31"W.; to lat. 38°39'45"N., long. 97°46'01"W.; to lat. 38°27'20"N., long. 97°50'01"W.; to lat. 38°27'20"N., long. 98°02'46"W.; to lat. 38°24'13"N., long. 98°14'30"W.; to the point of beginning.
Altitudes. 5,000 feet MSL to but not including FL 180.
Times of use. 0900-1700 Monday-Saturday; other times by NOTAM.
Controlling agency. FAA, Kansas City ARTCC.
Using agency. U.S. Air Force, Air National Guard, 184th Air Refueling Wing, Detachment 1, Smoky Hill ANG Range, Salina, KS.

BOUNDARIES AND USING AGENCY CHANGED 12/10/15

Snake Low MOA Gulfport, MS
Boundaries. Beginning at lat. 29°42'51"N., long. 88°49'30"W. to lat. 29°41'20"N., long. 88°38'33"W. then 12 NM from and parallel to the shoreline to lat. 29°24'25"N., long. 88°54'05"W. then 12 NM from and parallel to the shoreline to lat. 29°08'46"N., long. 88°45'36"W. to lat. 29°34'32"N., long. 89°21'26"W. to lat. 29°50'00"N., long. 89°15'00"W. to lat. 29°56'15"N., long. 89°09'00"W. to lat. 30°06'01"N., long. 88°51'00"W. then 3 NM offshore of the Chandeleur Islands to the point of beginning.
Altitudes. 3,000 feet MSL to but not including 6,000 feet MSL.
Times of use. Intermittent, sunrise to sunset; other times by NOTAM.
Controlling agency. FAA, Houston ARTCC.
Using agency. Commander, Combat Readiness Training Center, Gulfport, MS.

BOUNDARIES CHANGED 04/05/12

Snake MOA Gulfport, MS
Boundaries. Beginning at lat. 29°42'51"N., long. 88°49'30"W. to lat. 29°41'20"N., long. 88°38'33"W. then 12 NM from and parallel to the shoreline to lat. 29°24'25"N., long. 88°54'05"W. then 12 NM from and parallel to the shoreline to lat. 29°08'46"N., long. 88°45'36"W. to lat. 29°34'32"N., long. 89°21'26"W. to lat. 29°50'00"N., long. 89°15'00"W. to lat. 29°56'15"N., long. 89°09'00"W. to lat. 30°06'01"N., long. 88°51'00"W. then 3 NM offshore of the Chandeleur Islands to the point of beginning.
Altitudes. 6,000 feet MSL to but not including FL 180.

Times of use. Intermittent, sunrise to sunset; other times by NOTAM.
Controlling agency. FAA, Houston ARTCC.
Using agency. Commander, Combat Readiness Training Center, Gulfport, MS.

BOUNDARIES CHANGED 04/05/12

Snoopy East MOA, MN
Boundaries. Beginning at lat. 47°00'00"N., long. 91°25'01"W.; to lat. 47°45'00"N., long. 90°05'00"W.; to lat. 47°05'00"N., long. 90°05'01"W.; to lat. 47°05'00"N., long. 90°45'01"W.; to lat. 47°00'00"N., long. 91°00'01"W.; to the point of beginning; excluding the airspace below 6,000 feet MSL within 5 NM of the Apostle Islands National Lakeshore.
Altitudes. 300 feet AGL to but not including FL 180.
Times of use. By NOTAM (normally intermittently 0800-2200, Monday-Saturday).
Controlling agency. FAA, Minneapolis ARTCC.
Using agency. U.S. Air Force, 148th Fighter Interceptor Group (FIG), Duluth International Airport, MN.

ADDED 11/14/91

Snoopy West MOA, MN
Boundaries. Beginning at lat. 47°13'00"N., long. 92°16'06"W.; to lat. 47°54'00"N., long. 92°24'31"W.; to lat. 47°45'00"N., long. 91°30'01"W.; to lat. 47°45'00"N., long. 90°05'00"W.; to lat. 47°00'00"N., long. 91°25'01"W.; to lat. 47°00'00"N., long. 91°40'01"W.; thence via a 25 NM DME arc of the Duluth VORTAC to the point of beginning.
Altitudes. 6,000 feet MSL to but not including FL 180.
Times of use. By NOTAM (normally intermittently 0800-2200, Monday-Saturday).
Controlling agency. FAA, Minneapolis ARTCC.
Using agency. U.S. Air Force, 148th Fighter Interceptor Group, (FIG), Duluth International Airport, MN.

ADDED 11/14/91

Snowbird MOA, TN
Boundaries. Beginning at lat. 35°47'00"N., long. 83°37'30"W.;to lat. 35°35'00"N., long. 82°49'45"W.; to lat. 35°08'40"N., long. 83°01'30"W.; to lat.35°07'45"N., long. 83°48'10"W.; to lat. 35°40'00"N., long. 83°47'40"W.; to the point of beginning.
Altitudes. 11,000 feet MSL to but not including FL 180.
Times of use. Intermittent, 0800-2100 local time daily, by NOTAM.
Controlling agency. FAA, Atlanta ARTCC.
Using agency. U.S. Air Force, Commander, 4th Fighter Wing, Seymour Johnson AFB, NC.

USING AGENCY CHANGE 04/27/17

Steelhead MOA, MI
Boundaries. Beginning at lat. 43°26'00"N., long. 82°44'00"W.; to lat. 43°38'30"N., long. 83°32'00"W.; to lat. 44°17'20"N., long. 83°43'00"W.; to lat. 44°17'00"N., long. 83°27'00"W.; to lat. 43°53'15"N., long. 82°11'18"W.; to lat. 43°35'28"N., long. 82°07'22"W.; to lat. 43°33'54"N., long. 82°08'10"W.; to the point of beginning.
Altitudes. 6,000 MSL to but not including FL 180.
Times of use. By NOTAM 4 hours in advance.
Controlling Agency. FAA, Minneapolis ARTCC.
Using Agency. U. S. Air Force, Alpena Combat Readiness Training Center (CRTC), Alpena, MI.

CONTROLLING AGENCY CHANGED 01/15/09
TIMES OF USE CHANGED 09/10/20

Stony A MOA, AK
Boundaries. Beginning at lat. 62°31'28"N, long. 155°48'08"W; to lat. 61°51'22"N, long. 153°14'44"W; to lat. 61°25'01"N, long. 153°38'39"W; to lat. 61°23'58"N, long. 155°35'08"W; thence northward along the east bank of the Stony River until it joins the Kuskokwim River; thence northward along the east bank of the Kuskokwim River; to the point of beginning. Excluding that airspace 1,500 feet AGL and below within a 3 NM radius of the Stony River Airport (centered at lat. 61°47'24"N, long. 156°35'17"W;).
Altitudes. 100 feet AGL up to but not including FL 180.
Times of use. 0800-1800, Monday-Friday; by NOTAM for other times between 0700-0000.
Controlling agency. FAA Anchorage ARTCC.
Using agency. USAF, 3 WG, Elmendorf AFB Joint Base Elmendorf-Richardson, AK.

TIMES OF USE AND USING AGENCY CHANGED 11/08/18

Stony B MOA, AK
Boundaries. Beginning at lat. 61°23'58"N., long. 155°35'08"W.; to lat. 61°22'58"N., long. 156°25'08"W.; to lat. 61°37'12"N., long. 158°14'09"W.; to lat. 61°52'57"N., long.158°06'09"W.; to lat. 62°34'58"N., long. 156°00'08"W.; to lat. 62°31'28"N., long. 155°48'08"W.; thence southward along the east bank of the Kuskokwim River until it joins the Stony River, thence southward along the east bank of the Stony River until it joins the point of beginning.
Altitudes. 2,000 feet AGL to but not including FL 180.
Times of use. 0800-1800, Monday-Friday; by NOTAM for other times between 0700-0000.
Controlling agency. FAA, Anchorage ARTCC.
Using agency. USAF, 3 WG, Elmendorf AFB Joint Base Elmendorf-Richardson, AK.

TIMES OF USE AND USING AGENCY CHANGED 11/08/18

Stumpy Point MOA, NC
Boundaries. Beginning at lat. 35°39'01"N., long. 75°45'49"W.; to lat. 35°39'01"N., long. 75°33'59"W.; to lat. 35°33'01"N., long. 75°33'59"W.; to lat. 35°27'01"N., long. 75°37'59"W.; to

lat. 35°27'01"N., long. 75°48'19"W.; to lat. 35°34'41"N., long. 75°48'19"W.; to lat. 35°34'41"N., long. 75°46'49"W.; to the point of beginning.
Altitudes. Surface to but not including 8,000feet MSL.
Times of use. Intermittent, sunrise-2300 Monday-Friday; other times by NOTAM.
Controlling agency. Marine Corps Air Station Cherry Point Approach Control.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Virginia Capes (FACSFAC VACAPES), Virginia Beach, VA.

CONTROLLING AGENCY CHANGED 12/10/15

Sundance MOA, CA
Boundaries. Beginning at lat. 34°14'00"N., long. 116°06'03"W.; to lat. 34°14'00"N., long. 115°44'03"W.; to lat. 34°11'00"N., long. 115°47'33"W.; to lat. 34°11'00"N., long. 116°06'03"W.; to the point of beginning.
Altitudes. 500 feet AGL to and including 10,000 feet MSL; excluding a 1 mile radius of the Dale Skyranch Airport surface to 1,500 feet AGL and a 1 mile wide corridor, extending from the center of the airport on a straight line south to the edge of the MOA.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. Marine Corps Air Ground Combat Center, Twentynine Palms, CA.

ALTITUDES CHANGED 12/15/11

Sunny MOA, AZ
Boundaries. Beginning at lat. 35°53'30"N., long. 111°39'33"W.; to lat. 36°02'00"N., long. 111°15'03"W.; to lat. 35°57'30"N., long. 110°30'02"W.; to lat. 35°54'00"N., long.110°21'02"W.; to lat. 35°32'00"N., long. 110°21'02"W.; to lat. 35°24'00"N., long. 110°34'02"W.; to lat. 35°24'00"N., long. 111°39'03"W.; to lat. 35°27'00"N., long. 111°53'03"W.; to the point of beginning.
Altitudes. 12,000 feet MSL up to but not including FL 180.
Times of use. By NOTAM 24 hours in advance.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. U.S. Air Force, 56th Fighter Wing, Luke AFB, AZ.

USING AGENCY CHANGED 03/20/03

Susitna MOA, AK
Boundaries. Beginning at lat. 62°18'34"N., long. 152°40'14"W.; thence clockwise on the 89 DME arc of the BGQ VORTAC; to lat. 63°00'43"N., long. 150°41'38"W.; to lat. 62°14'08"N., long. 150°18'20"W.; thence counterclockwise on the 41 DME arc of the BGQ VORTAC; to lat. 61°54'58"N., long. 151°12'53"W.; thence to the point of beginning.
Altitudes. 10,000 feet MSL or 5,000 feet AGL, whichever is higher, to but not including FL 180.
Times of use. Intermittent, 0800-1800, Monday-Friday; other times by NOTAM for other times between 0700-0000.

Controlling agency. FAA, Anchorage ARTCC.
Using agency. USAF, 3 WG, Elmendorf AFB Joint Base Elmendorf-Richardson, AK.

TIMES OF USE AND USING AGENCY CHANGED 11/08/18

Taiban MOA, NM
Boundaries. Beginning at lat. 34°34'36"N., long. 104°07'00"W.; to lat. 34°33'00"N., long. 103°55'02"W.; to lat. 34°10'00"N., long. 103°55'02"W.; to lat. 34°10'00"N., long. 104°07'00"W.; to the point of beginning.
Altitudes. 500 feet AGL to but not including 11,000 feet MSL.
Times of use. 0800-2400, Monday-Friday, other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using Agency. U.S. Air Force, 27th Special Operations Wing, Cannon AFB, NM.

USING AGENCY CHANGED 01/15/09

Talon High A MOA, NM
Boundaries. Beginning at lat. 33°01'42"N., long. 104°46'16"W.; thence counterclockwise via the 20 NM arc of the CHISM (CME) VORTAC,; to lat. 33°01'06"N., long. 104°30'17"W.; to lat. 32°14'35"N., long. 104°13'15"W.; to lat. 32°11'51"N., long. 104°38'06"W.; to lat. 32°07'04"N., long. 105°21'30"W.; to lat. 32°18'00"N., long. 105°20'06"W.; to lat. 32°56'49"N., long. 104°50'04"W.; to the point of beginning.
Altitudes. 12,500 feet MSL to but not including FL 180.
Times of use. 0700–2200 Monday–Friday; other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. U.S. Air Force, Commander, 49th Wing, Holloman AFB, NM.

ADDED 10/07/21

Talon High B MOA, NM
Boundaries. Beginning at lat. 33°01'06"N., long. 104°30'17"W.; to lat. 33°01'14"N., long. 104°29'01"W.; to lat. 33°01'39"N., long. 104°26'36"W.; to lat. 33°02'33"N., long. 104°23'35"W.; to lat. 33°03'58"N., long. 104°20'31"W.; to lat. 33°05'22"N., long. 104°18'33"W.; to lat. 33°05'22"N., long. 104°17'16"W.; to lat. 33°00'57"N., long. 104°08'42"W.; to lat. 32°51'23"N., long. 103°50'10"W.; to lat. 32°36'31"N., long. 103°53'53"W.; to lat. 32°28'00"N., long. 103°56'00"W.; to lat. 32°16'44"N., long. 103°52'32"W.; to lat. 32°14'35"N., long. 104°13'15"W.; to the point of beginning.
Altitudes. 12,500 feet MSL to but not including FL 180.
Times of use. 0700–2200 Monday–Friday; other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. U.S. Air Force, Commander, 49th Wing, Holloman AFB, NM.

ADDED 10/07/21

Talon High C MOA, NM
Boundaries. Beginning at lat. 33°05'22"N., long. 104°17'16"W.; to lat. 33°05'22"N., long. 103°47'59"W.; to lat. 32°59'59"N., long. 103°48'00"W.; to lat. 32°51'23"N., long. 103°50'10"W.; to lat. 33°00'57"N., long. 104°08'42"W.; to the point of beginning.
Altitudes. 12,500 feet MSL to but not including FL 180.
Times of use. By NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. U.S. Air Force, Commander, 49th Wing, Holloman AFB, NM.

ADDED 10/07/21

Talon Low A MOA, NM
Boundaries. Beginning at lat. 32°56'49"N., long. 104°50'04"W.; to lat. 32°52'24"N., long. 104°38'12"W.; to lat. 32°39'06"N., long. 104°34'00"W.; to lat. 32°34'36"N., long. 104°36'18"W.; to lat. 32°25'36"N., long. 104°29'42"W.; to lat. 32°17'00"N., long. 104°27'00"W.; to lat. 32°11'51"N., long. 104°38'06"W.; to lat. 32°07'04"N., long. 105°21'30"W.; to lat. 32°18'00"N., long. 105°20'06"W.; to the point of beginning.
Altitudes. 500 feet AGL to but not including 12,500 feet MSL.
Times of use. 0700–2200 Monday–Friday; other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. U.S. Air Force, Commander, 49th Wing, Holloman AFB, NM.

ADDED 10/07/21

Talon Low B MOA, NM
Boundaries. Beginning at lat. 32°55'00"N., long. 104°19'39"W.; to lat. 33°00'57"N., long. 104°08'42"W.; to lat. 32°51'23"N., long. 103°50'10"W.; to lat. 32°36'31"N., long. 103°53'53"W.; to lat. 32°33'03"N., long. 104°10'23"W.; to the point of beginning.
Altitudes. 500 feet AGL to but not including 12,500 feet MSL.
Times of use. 0700–2200 Monday–Friday; other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. U.S. Air Force, Commander, 49th Wing, Holloman AFB, NM.

ADDED 10/07/21

Texon MOA, TX
Boundaries. Beginning at lat. 31°23'31"N., long. 101°15'01"W.; to lat. 30°54'01"N., long. 101°15'01"W.; to lat. 30°57'01"N., long. 102°00'01"W.; to lat. 31°27'31"N., long. 102°00'01"W.; to the point of beginning.
Altitudes. 6,000 feet MSL to but not including FL 180. ATC assigned airspace will be provided from FL 180 to FL 230.

Times of use. Sunrise-sunset Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Houston ARTCC.
Using agency. U.S. Air Force, 12th Flying Training Wing, Randolph Air Force Base, TX.

USING AGENCY CHANGED 09/11/97

Thud MOA, GA
Boundaries. Beginning at lat. 32°03'46"N., long. 83°54'00"W.; to lat. 32°05'01"N., long. 83°44'15"W.; to lat. 32°04'19"N., long. 83°35'40"W.; to lat. 31°34'06"N., long. 83°37'55"W.; to lat. 31°41'15"N., long. 84°02'00"W.; to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.
Times of use. 0700-0200 Monday-Friday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, 23rd Wing, Moody AFB, GA.

ADDED 08/17/17

Tiger North MOA, ND
Boundaries. Beginning at lat. 49°00'00"N., long. 100°15'01"W.; eastward along the U.S./Canadian Border; to lat. 49°00'00"N., long. 98°10'01"W.; to lat. 48°32'00"N., long. 98°10'01"W.; to lat. 48°30'00"N., long. 99°13'01"W.; to lat. 48°41'00"N., long. 100°15'01"W.; to the point of beginning.
Altitudes. 300 feet AGL to but not including FL 180, excluding the airspace at and below 1,500 feet AGL within a 3 NM radius of the Rollete, Rolla, and Robertson Airports; and excluding the airspace below 3,000 feet AGL within that portion of the MOA north of lat. 48°55'00"N. and west of long. 99°41'02"W.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Minneapolis ARTCC.
Using agency. U.S. Air Force, 119th Operations Support Squadron, Hector International Airport, Fargo, ND.

USING AGENCY CHANGED 11/15/12

Tiger South MOA, ND
Boundaries. Beginning at lat. 48°41'00"N., long. 100°15'01"W.; to lat. 48°30'00"N., long. 99°13'01"W.; to lat. 48°32'00"N., long. 98°10'01"W.; to lat. 48°08'00"N., long. 98°10'01"W.; to lat. 48°17'00"N., long. 100°15'01"W.; to the point of beginning.
Altitudes. 6,000 feet MSL to but not including FL 180.
Times of use. Intermittent by NOTAM.

Controlling agency. FAA, Minneapolis ARTCC.
Using agency. U.S. Air Force, 119th Operations Support Squadron, Hector International Airport, Fargo, ND.

USING AGENCY CHANGED 11/15/12

Tombstone A MOA, AZ
Boundaries. Beginning at lat. 31°56'45"N., long. 109°43'36"W.; to lat. 31°52'34"N., long. 109°02'47"W.; to lat. 31°47'00"N., long. 109°02'47"W.; to lat. 31°38'14"N., long. 109°22'53"W.; thence via the 15 DME arc of the Douglas, AZ, VORTAC to lat. 31°43'20"N., long. 109°34'34"W.; to lat. 31°43'35"N., long. 109°41'02"W.; to lat. 31°40'40"N., long. 109°48'22"W.; to lat. 31°42'15"N., long. 109°52'32"W.; to lat. 31°48'05"N., long. 109°54'47"W.; to the point of beginning.
Altitudes. 500 feet AGL to but not including 14,500 feet MSL.
Times of use. 0600-2100 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. U.S. Air Force, 355th Wing, Davis-Monthan AFB, AZ.

USING AGENCY CHANGED 06/23/94

Tombstone B MOA, AZ
Boundaries. Beginning at lat. 31°30'00"N., long. 109°21'12"W.; to lat. 31°38'50"N., long. 109°00'02"W.; to lat. 31°42'15"N., long. 108°47'02"W.; to lat. 31°50'05"N., long.108°31'02"W.; to lat. 31°49'00"N., long. 108°12'02"W.; to lat. 31°20'00"N., long. 108°12'02"W.; to lat. 31°20'00"N., long. 109°21'12"W.; to the point of beginning.
Altitudes. 500 feet AGL to but not including 14,500 feet MSL.
Times of use. 0600-2100 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. U.S. Air Force, 355th Wing, Davis-Monthan AFB, AZ.

USING AGENCY CHANGED 06/23/94

Tombstone C MOA, AZ
Boundaries. Beginning at lat. 31°53'15"N., long. 110°00'02"W.; to lat. 31°55'00"N., long. 109°58'02"W.; to lat. 31°57'00"N., long. 109°46'02"W.; to lat. 31°51'00"N., long.108°48'02"W.; to lat. 31°49'00"N., long. 108°12'02"W.; to lat. 31°20'00"N., long. 108°12'02"W.; to lat. 31°20'00"N., long. 110°00'02"W.; to the point of beginning.
Altitudes. 14,500 feet MSL to but not including FL 180.
Times of use. 0600-2100 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Albuquerque ARTCC.
Using agency. U.S. Air Force, 355th Wing, Davis-Monthan AFB, AZ.

USING AGENCY CHANGED 06/23/94

Tortugas MOA, FL
Boundaries. The airspace within an area bounded by a line 12 NM from and parallel to the shoreline of the Dry Tortugas Islands.
Altitudes. 5,000 feet MSL to but not including FL 180.
Times of use. Intermittent, 0700-2300 daily, other times by NOTAM.
Controlling agency. FAA, Miami ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility Jacksonville (FACSFACJAX), Jacksonville, FL.

USING AGENCY CHANGED 03/26/20

Truman A MOA, MO
Boundaries. Beginning at lat. 38°59'00"N., long. 93°45'01"W.; to lat. 38°56'00"N., long. 92°59'01"W.; to lat. 38°41'30"N., long. 92°37'15"W.; to lat. 38°30'00"N., long. 93°44'58"W.; to lat. 38°49'30"N., long. 93°54'31"W.; to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.
Times of use. 0600-2400 local time daily; other times by NOTAM.
Controlling agency. FAA, Kansas City ARTCC.
Using agency. U.S. Air Force, 509th Bomb Wing, Whiteman AFB, MO.

USING AGENCY CHANGED 06/13/02

Truman B MOA, MO
Boundaries. Beginning at lat. 38°30'00"N., long. 93°44'58"W.; to lat. 38°41'30"N., long. 92°37'15"W.; to lat. 38°40'00"N., long. 92°35'01"W.; to lat. 38°21'50"N., long. 92°47'51"W.; to lat. 38°24'00"N., long. 93°02'01"W.; to lat. 38°15'00"N., long. 93°37'01"W.; to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.
Times of use. 0600-2400 local time daily; other times by NOTAM.
Controlling agency. FAA, Kansas City ARTCC.
Using agency. U.S. Air Force, 509th Bomb Wing, Whiteman AFB, MO.

USING AGENCY CHANGED 06/13/02

Truman C MOA, MO
Boundaries. Beginning at lat. 38°15'00"N., long. 93°37'01"W.; to lat. 38°24'00"N., long. 93°02'01"W.; to lat. 38°21'50"N., long. 92°47'51"W.; to lat. 38°02'00"N., long. 93°00'01"W.; to lat. 38°00'00"N., long. 93°29'01"W.; to the point of beginning.
Altitudes. 500 feet AGL to but not including FL 180; excluding the airspace below 1,500 feet AGL within a 3NM radius of the town of Warsaw, MO.

Times of use. 0600-2400 local time daily; other times by NOTAM.
Controlling agency. FAA, Kansas City ARTCC.
Using agency. U.S. Air Force, 509th Bomb Wing, Whiteman AFB, MO.

USING AGENCY CHANGED 06/13/02

Tupper Central MOA, NY
Boundaries. Beginning at lat. 44°36'00"N., long. 74°35'00"W.; to lat. 44°36'00"N., long. 74°21'00"W.; to lat. 44°14'00"N., long. 74°21'00"W.; to lat. 44°06'00"N., long. 74°12'00"W.; to lat. 43°53'00"N., long. 74°12'00"W.; to lat. 43°53'00"N., long. 75°03'00"W.; to lat. 44°15'00"N., long. 74°35'00"W.; to the point of beginning.
Altitudes. May 1-October 31: 8,000 feet MSL to but not including FL 180; November 1-April 30: 6,000 feet MSL to but not including FL 180.
Times of use. May 1-August 31: 0800-1700 Monday-Friday; other times by NOTAM. September 1-April 30: 0800-2200 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Boston ARTCC.
Using agency. NY ANG, 174FW/Det 1, Fort Drum, NY.

ADDED 11/20/08

Tupper East MOA, NY
Boundaries. Beginning at lat. 44°36'00"N., long. 74°21'00"W.; to lat. 44°36'00"N., long. 74°12'00"W.; to lat. 44°06'00"N., long. 74°12'00"W.; to lat. 44°14'00"N., long. 74°21'00"W.; to the point of beginning.
Altitudes. 10,000 feet MSL to but not including FL 180.
Times of use. May 1-August 31: 0800-1700 Monday-Friday; other times by NOTAM. September 1-April 30: 0800-2200 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Boston ARTCC.
Using agency. NY ANG, 174FW/Det 1, Fort Drum, NY.

ADDED 11/20/08

Tupper South MOA, NY
Boundaries. Beginning at lat. 43°53'00"N., long. 75°03'00"W.; to lat. 43°53'00"N., long. 74°12'00"W.; to lat. 43°40'00"N., long. 74°12'00"W.; to lat. 43°30'00"N., long. 74°21'00"W.; to lat. 43°30'00"N., long. 75°03'00"W.; to the point of beginning.
Altitudes. May 1-October 31: 8,000 feet MSL to but not including FL 180; November 1-April 30: 6,000 feet MSL to but not including FL 180.

Times of use. May 1-August 31: 0800-1700 Monday-Friday; other times by NOTAM. September 1-April 30: 0800-2200 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Boston ARTCC.
Using agency. NY ANG, 174FW/Det 1, Fort Drum, NY.

ADDED 11/20/08

Tupper West MOA, NY
Boundaries. Beginning at lat. 44°36'00"N., long. 75°03'00"W.; to lat. 44°36'00"N., long. 74°35'00"W.; to lat. 44°15'00"N., long. 74°35'00"W.; to lat. 43°53'00"N., long. 75°03'00"W.; to the point of beginning.
Altitudes. May 1-October 31: 8,000 feet MSL to but not including FL 180; November 1-April 30: 6,000 feet MSL to but not including FL 180.
Times of use. May 1-August 31: 0800-1700 Monday-Friday; other times by NOTAM. September 1-April 30: 0800-2200 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Boston ARTCC.
Using agency. NY ANG, 174FW/Det 1, Fort Drum, NY.

ADDED 11/20/08

Turtle MOA, AZ
Boundaries. Beginning at lat. 34°42'00"N., long. 115°16'03"W.; to lat. 34°40'00"N., long. 114°00'03"W.; to lat. 34°23'00"N., long. 114°00'03"W.; to lat. 34°14'00"N., long.114°30'03"W.; to lat. 34°14'00"N., long. 115°30'03"W.; to lat. 34°19'00"N., long. 115°25'03"W.; to the point of beginning.
Altitudes. 11,000 feet MSL to but not including FL 180.
Times of use. 0700-1700 MST Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. Marine Corps Air Station, Yuma, AZ.

TIMES OF USE CHANGED 08/22/13

Twelve Mile East MOA, IN
Boundaries. Beginning at lat. 41°03'00"N., long. 86°40'00"W.; to lat. 41°00'00"N., long. 86°09'00"W.; to lat. 40°48'00"N., long. 86°09'09"W.; to lat. 40°48'00"N., long. 86°46'00"W.; to lat. 40°45'00"N., long. 86°51'00"W.; to the point of beginning.
Altitudes. 500 feet AGL up to but not including 10,000 MSL.
Times of use. 0900-sunset+30 eastern time, Monday-Saturday; other times by NOTAM.
Controlling agency. FAA, Chicago ARTCC.
Using agency. 122 Fighter Wing, Indiana Air National Guard, Fort Wayne, IN.

TIMES OF USE CHANGED 05/02/12

Twelve Mile West MOA, IN
Boundaries. Beginning at lat. 41°03'00"N., long. 86°40'00"W.; to lat. 41°05'00"N., long. 86°58'00"W.; to lat. 41°01'00"N., long. 87°06'00"W.; to lat. 40°45'00"N., long. 86°52'00"W.; to lat. 40°45'00"N., long. 86°51'00"W.; to the point of beginning.
Altitudes. 500 feet AGL up to but not including 6,000 feet MSL.
Times of use. 0900-sunset+30 eastern time, Monday-Saturday; other times by NOTAM.
Controlling agency. FAA, Chicago ARTCC.
Using agency. 122 Fighter Wing, Indiana Air National Guard, Fort Wayne, IN.

TIMES OF USE CHANGED 05/02/12

Twister MOA, KS
Boundaries. Beginning at lat. 38°48'30"N., long. 098°09'01"W.; to lat. 38°47'30"N., long. 097°27'50"W.; to lat. 38°11'30"N., long. 097°43'53"W.; to lat. 38°11'30"N., long. 097°46'00"W.; to lat. 38°39'45"N., long. 097°46'01"W.; to lat. 38°45'20"N., long. 097°46'01"W.; to lat. 38°45'20"N., long. 097°56'01"W.; to the point of beginning.
Altitudes. 10,000 feet MSL to, but not including, FL 180.
Times of use. Intermittent by NOTAM 48 hours in advance.
Controlling agency. FAA, Kansas City ARTCC.
Using agency. U.S. Air Force, 138th Fighter Wing, Tulsa ANGB, OK.

ADDED 02/25/21

Two Buttes High MOA, CO
Boundaries. Beginning at lat. 37°52’54”N., long. 103°31’12”W.; to lat. 37°59’00”N., long.103°00’00”W.; to lat. 37°51’00”N., long. 102°28’06”W.; to lat. 37°41’36”N., long.102°18’42”W.; to lat. 37°19’36”N., long. 103°17’30”W.; to lat. 37°27’18”N., long. 103°31’06”W.; thence to the point of beginning.
Altitudes. 10,000 feet MSL to but not including FL 180.
Times of use. Sunrise to sunset, Tuesday-Saturday, other times by NOTAM except between 2200 to 0700 local hours.
Controlling agency. FAA, Denver ARTCC.
Using agency. 140th Tactical Fighter Wing, Buckley Air National Guard Base, CO.

ADDED 12/30/99

Two Buttes Low MOA, CO
Boundaries. Beginning at lat. 37°52’54”N., long. 103°31’12”W.; to lat. 37°59’00”N., long.103°00’00”W.; to lat. 37°51’00”N., long. 102°28’06”W.; to lat. 37°41’36”N., long.102°18’42”W.; to lat. 37°19’36”N., long. 103°17’30”W.; to lat. 37°27’18”N., long. 103°31’06”W.; thence to the point of beginning.
Altitudes. 300 feet AGL to but not including 10,000 MSL.
Times of use. Intermittent by NOTAM except between 2200 and 0700 local hours.

Controlling agency. FAA, Denver ARTCC.
Using agency. 140th Tactical Fighter Wing, Buckley Air National Guard Base, CO.

ADDED 12/30/99

Tyndall B MOA, FL
Boundaries. Beginning at lat. 30°40'21"N., long. 85°54'00"W.; to lat. 30°43'21"N., long. 85°37'40"W.; to lat. 30°43'21"N., long. 85°35'00"W.; to lat. 30°17'12"N., long. 85°23'17"W.; to lat. 30°20'21"N., long. 85°28'00"W.; to lat. 30°21'01"N., long. 85°41'30"W.; to the point of beginning.
Altitudes. 9,000 feet MSL to but not including FL 180.
Times of use. Intermittent, sunrise to sunset, Monday-Friday; other times by NOTAM.
Controlling agency. Tyndall Radar Approach Control.
Using agency. U.S. Air Force, 325 OSS/OSOS, Tyndall AFB, FL.

REVISED 10/13/94

Tyndall C MOA, FL
Boundaries. Beginning at lat. 30°43'21"N., long. 85°35'00"W.; to lat. 30°43'01"N., long. 85°13'00"W.; to lat. 30°26'21"N., long. 84°55'00"W.; to lat. 30°14'31"N., long. 85°21'40"W.; to lat. 30°17'12"N., long. 85°23'17"W.; to the point of beginning.
Altitudes. 300 feet AGL to 6,000 feet MSL.
Times of use. Intermittent, sunrise to sunset, Monday-Friday; other times by NOTAM.
Controlling agency. Tyndall Radar Approach Control.
Using agency. U.S. Air Force, 325 OSS/OSOS, Tyndall AFB, FL.

ALTITUDES CHANGED 09/06/01

Tyndall D MOA, FL
Boundaries. Beginning at lat. 30°14'31"N., long. 85°21'40"W.; to lat. 30°26'21"N., long. 84°55'00"W.; to lat. 30°14'46"N., long. 84°44'10"W.; to lat. 30°07'01"N., long. 85°18'45"W.; to the point of beginning.
Altitudes. 300 feet AGL to 6,000 feet MSL.
Times of use. Intermittent, sunrise to sunset, Monday-Friday; other times by NOTAM.
Controlling agency. Tyndall Radar Approach Control.
Using agency. U.S. Air Force, 325 OSS/OSOS, Tyndall AFB, FL.

REVISED 10/13/94

Tyndall E MOA, FL
Boundaries. Beginning at lat. 30°07'01"N., long. 85°18'45"W.; to lat. 30°14'46"N., long. 84°44'10"W.; to lat. 30°00'01"N., long. 84°32'00"W.; to lat. 29°52'16"N., long. 84°33'30"W.; to

lat. 29°52'31"N., long. 84°35'00"W.; to lat. 29°40'01"N., long. 84°58'30"W.; to lat. 29°48'41"N., long. 85°11'50"W.; to the point of beginning.
Altitudes. 300 feet AGL to but not including FL 180; excluding the airspace 1,500 feet AGL and below within a 3 NM radius of the Apalachicola and Carrabelle-Thompson Airports.
Times of use. Intermittent, sunrise to sunset, Monday-Friday; other times by NOTAM.
Controlling agency. Tyndall Radar Approach Control.
Using agency. U.S. Air Force, 325 OSS/OSOS, Tyndall AFB, FL.

REVISED 10/13/94 Corr: 09/06/01

Tyndall F MOA, FL
Boundaries. Beginning at lat. 29°57'33"N., long. 85°15'10"W.; to lat. 29°48'41"N., long, 85°11'50"W.; to lat. 29°40'01"N., long. 84°58'30"W.; to lat. 29°33'21"N., long. 84°58'03"W thence West 3 NM from and parallel to the shoreline to lat. 29°48'06"N., long. 85°28'19"W.; to the point of beginning.
Altitudes. 300 feet AGL to but not including FL 180; excluding the airspace 1,500 feet AGL and below within a 3 NM radius of the Apalachicola and Costin Airports.
Times of use. Intermittent, sunrise to sunset, Monday-Friday; other times by NOTAM.
Controlling agency. Tyndall Radar Approach Control.
Using agency. U.S. Air Force, 325 OSS/OSOS, Tyndall AFB, FL.

BOUNDARIES CHANGED 09/13/18

Tyndall G MOA, FL
Boundaries. Beginning at lat. 29°33'21"N., long. 84°58'03"W.; to lat. 29°40'01"N., long. 84°58'30"W.; to lat. 29°52'31"N., long. 84°35'00"W.; to lat. 29°52'16"N., long. 84°33'30"W.; to lat. 30°00'01"N., long. 84°32'00"W.; to lat. 29°51'01"N., long. 84°24'30"W.; to lat. 29°44'43"N., long. 84°34'42"W.; to lat. 29°44'30"N., long. 84°36'05"W.; thence West 3 NM from and parallel to the shoreline to the point of beginning.
Altitudes. 1,000 feet AGL to but not including FL 180; excluding the airspace 1,500 feet AGL and below within a 3 NM radius of the Carrabelle Thompson and St. George Island Airports.
Times of use. Intermittent, sunrise to sunset, Monday-Friday; other times by NOTAM.
Controlling agency. Tyndall Radar Approach Control.
Using agency. U.S. Air Force, 325 OSS/OSOS, Tyndall AFB, FL.

BOUNDARIES CHANGED 09/13/18

Tyndall H MOA, FL
Boundaries. Beginning at lat. 30°43'21"N., long. 85°35'00"W.; to lat. 30°43'01"N., long. 85°13'00"W.; to lat. 30°26'21"N., long. 84°55'00"W.; to lat. 30°14'31"N., long. 85°21'40"W.; to lat. 30°17'12"N., long. 85°23'17"W.; to the point of beginning.
Altitudes. 9,000 feet MSL to but not including FL 180.
Times of use. Intermittent, sunrise to sunset, Monday-Friday; other times by NOTAM.

Controlling agency. Tyndall Radar Approach Control.
Using agency. U.S. Air Force, 325 OSS/OSOS, Tyndall AFB, FL.

ADDED 10/13/94

Vance 1A MOA, OK
Boundaries. Beginning at lat. 35°50’00”N., long. 98°20’01”W.; to lat. 35°49’00”N., long. 98°30’01”W.; to lat. 35°49’07”N., long. 98°38’25”W.; thence clockwise via the 47 NM arc of the Vance AFB, OK, TACAN (lat. 36°20’44”N., long. 97°55’08”W.); to lat. 36°54’13”N., long. 98°35’47”W.; to lat. 36°52’00”N., long. 98°34’01”W.; to lat. 36°35’00”N., long. 98°11’01”W.; to lat. 36°36’00”N., long. 97°49’31”W.; to lat. 36°20’40”N., long. 97°55’07”W.; to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.
Times of use. One hour before sunrise to one hour after sunset, Monday-Friday; other times by NOTAM.
Controlling Agency. FAA, Kansas City ARTCC.
Using Agency. U.S. Air Force, Commander, 71st Flying Training Wing, Vance AFB, OK.

ALTITUDES AND USING AGENCY CHANGE 08/25/11

Vance 1B MOA, OK
Boundaries. Beginning at lat. 35°50'00"N., long. 98°20'01"W.; to lat. 36°20'40"N., long. 97°55'07"W.; to lat. 36°36'00"N., long. 97°49'31"W.; to lat. 36°35'00"N., long. 98°11'01"W.; to lat. 36°52'00"N., long. 98°34'01"W.; to lat. 37°04'30"N., long. 98°15'01"W.; to lat. 37°05'00"N., long. 98°00'01"W.; to lat. 36°50'00"N., long. 97°23'01"W.; to lat. 36°28'00"N., long. 97°23'01"W.; to lat. 36°02'00"N., long. 97°35'01"W.; to lat. 35°53'00"N., long. 98°01'01"W.; to the point of beginning.
Altitudes. 7,000 feet MSL to but not including FL 180.
Times of use. One hour before sunrise to one hour after sunset, Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Kansas City ARTCC.
Using agency. U.S. Air Force, Commander, 71st Flying Training Wing, Vance AFB, OK.

USING AGENCY CHANGE 8/25/11

Vance 1C MOA, OK
Boundaries. Beginning at lat. 35°49’07”N., long. 98°38’25”W.; to lat. 35°50’00”N., long. 99°23’01”W.; to lat. 35°53’00”N., long. 99°25’01”W.; to lat. 35°52’39”N., long. 99°31’32”W.; to lat. 36°04’55”N., long. 99°45’07”W.; thence clockwise via the 90 NM arc of the Vance AFB, OK, TACAN, (lat. 36°20’44”N., long. 97°55’08”W.); to lat. 37°16’50”N., long. 99°22’46”W.; to lat. 37°19’54”N., long. 99°07’24”W.; to lat. 36°54’13”N., long. 98°35’47”W.; thence counter-clockwise via the 47 NM arc of the Vance AFB, OK, TACAN, (lat. 36°20’44”N., long. 97°55’08”W.); to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.

Times of use. One hour before sunrise to one hour after sunset, Monday-Friday; other times by NOTAM.
Controlling Agency. FAA, Kansas City ARTCC.
Using Agency. U.S. Air Force, Commander, 71st Flying Training Wing, Vance AFB, OK.

ALTITUDES AND USING AGENCY CHANGE 08/25/11

Vance 1D MOA, OK
Boundaries. Beginning at lat. 37°19’54”N., long. 99°07’24”W.; to lat. 37°22’00”N., long. 98°57’01”W.; to lat. 37°04’35”N., long. 98°12’01”W.; to lat. 37°04’30”N., long. 98°15’01”W.; to lat. 36°52’00”N., long. 98°34’01”W.; to lat. 36°54’13”N., long. 98°35’47”W.; to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.
Times of use. One hour before sunrise to one hour after sunset, Monday-Friday; other times by NOTAM.
Controlling Agency. FAA, Kansas City ARTCC.
Using Agency. U.S. Air Force, Commander, 71st Flying Training Wing, Vance AFB, OK.

ALTITUDES AND USING AGENCY CHANGE 08/25/11

Viper A MOA, AK
Boundaries. Beginning at lat. 64°33'23"N., long. 146°46'09"W.; to lat. 64°34'24"N., long. 146°47'29"W.; to lat. 64°41'10"N., long. 146°55'00"W.; to lat. 64°53'54"N., long. 146°55'00"W.; to lat. 64°49'00"N., long. 147°04'00"W.; to lat. 64°47'00"N., long. 147°09'00"W.; to lat. 64°38'30"N., long. 147°11'00"W.; to lat. 64°34'34"N., long. 146°59'00"W.; to lat. 64°33'23"N., long. 146°48'09"W.; to point of beginning. (1) Excluding that airspace over Pleasant Valley Subdivision surface to 5,000 feet MSL beginning at lat. 64°53'54"N., long. 146°55'00"W.; to lat. 64°50'00"N., long. 146°55'00"W.; to lat. 64°50'00"N., long. 147°00'00"W.; to lat. 64°51'11"N., long. 147°00'00"W.; to point of beginning. (2) Excluding the Eielson AFB Class D airspace area. (3) Excluding that portion wholly contained in R-2205A, R-2205B, and R-2205D when active.
Altitudes. 500 feet AGL to but not including 10,000 feet MSL.
Times of use. Intermittent, 0700-0000, Monday-Friday; pending Special Use Airspace Information Service availability.
Controlling agency. FAA, Fairbanks ATCT.
Using agency. U.S. Air Force 354th Fighter Wing, Eielson AFB, AK.
NOTE: SUAIS including VHF transmitter/receiver, recording, and telephone capability must be operational during activation. Any operation during reduced capability requires the issuance of a NOTAM.

TIMES OF USE AND NOTE CHANGED 11/08/18
BOUNDARIES CHANGED 10/10/19
ALTITUDES CHANGED 09/10/20

Viper B MOA, AK
Boundaries. Beginning at lat. 64°33'23"N., long. 146°46'09"W.; to lat. 64°34'24"N., long. 146°47'29"W.; to lat. 64°41'10"N., long. 146°55'00"W.; to lat. 64°53'54"N., long.146°55'00"W.; to lat. 64°49'00"N., long. 147°04'00"W.; to lat. 64°47'00"N., long. 147°09'00"W.; to lat. 64°38'30"N., long. 147°11'00"W.; to lat. 64°34'34"N., long. 146°59'00"W.; to lat. 64°33'23"N., long. 146°48'09"W.; to point of beginning. Excluding that portion wholly contained in R-2205F, R-2205G, and R-2205J when active.
Altitudes. 10,000 feet MSL to but not including FL 180.
Times of use. Intermittent, 0700-0000, Monday-Friday; pending Special Use Airspace Information Service availability.
Controlling agency. FAA, Anchorage ARTCC.
Using agency. U.S. Air Force 354th Fighter Wing, Eielson AFB, AK.
NOTE: SUAIS including VHF transmitter/receiver, recording, and telephone capability must be operational during activation. Any operation during reduced capability requires the issuance of a NOTAM.

TIMES OF USE AND NOTE CHANGED 11/08/18
BOUNDARIES CHANGED 10/10/19

Volk East MOA, WI
Boundaries. Beginning at lat. 44°42’01”N., long. 90°20’10”W.; to lat. 44°35’00”N., long. 90°18’00”W.; to lat. 44°27’00”N., long. 89°59’00”W.; to lat. 44°10’00”N., long. 89°59’00”W.; to lat. 44°03’00”N., long. 89°55’42”W.; to lat. 43°40’00”N., long. 89°46’15”W.; to lat. 43°35’30”N., long. 88°46’30”W.; to lat. 44°09’34”N., long. 88°45’15”W.; to lat. 44°29’00”N., long. 89°00’00”W.; to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.
Times of use. Intermittent by NOTAM at least 4 hours in advance.
Controlling agency. FAA, Minneapolis ARTCC.
Using agency. Air National Guard, Volk Field Combat Readiness Training Center, WI.

BOUNDARIES, TIMES OF USE CHANGED 11/10/16

Volk Falls MOA, WI
Boundaries. Beginning at lat. 44°48’00”N., long. 90°26’00”W.; to lat. 44°08’40”N., long. 90°44’20”W.; to lat. 44°02’45”N., long. 90°44’30”W.; to lat. 44°17’00”N., long. 91°21’00”W.; to lat. 44°33’00”N., long. 91°21’00”W.; to lat. 44°48’00”N., long. 90°59’00”W.; to the point of beginning, excluding that airspace at and below 1,500 feet AGL within a 3 NM radius of the Black River Falls Area Airport, WI, and Neillsville Municipal Airport, WI.
Altitudes. 500 feet AGL to, but not including, FL180.
Times of use. Intermittent by NOTAM at least 4 hours in advance.
Controlling agency. FAA, Minneapolis ARTCC.
Using agency. Air National Guard, Volk Field Combat Readiness Training Center, WI.

ADDED 11/10/16

Volk South MOA, WI
Boundaries. Beginning at lat. 43°40’00”N., long. 89°46’15”W.; to lat. 43°59’30”N., long. 90°35’16”W.; to lat. 44°00’02”N., long. 90°35’15”W.; to lat. 44°00’02”N., long. 90°22’00”W.; to lat. 44°03’00”N., long. 90°17’00”W.; to lat. 44°03’00”N., long. 89°55’42”W.; to the point of beginning, excluding that airspace at and below 1,500 feet AGL within a 3 NM radius of the Mauston-New Lisbon Union Airport, WI; Bloyer Field Airport, WI; and Necedah Airport, WI.
Altitudes. 500 feet AGL to, but not including, FL180.
Times of use. Intermittent by NOTAM at least 4 hours in advance.
Controlling agency. FAA, Minneapolis ARTCC.
Using agency. Air National Guard, Volk Field Combat Readiness Training Center, WI.

BOUNDARIES, TIMES OF USE, ALTITUDES CHANGED 11/10/16

Volk West MOA, WI
Boundaries. Beginning at lat. 44°48’00”N., long. 90°26’00”W.; to lat. 44°48’00”N., long. 90°22’00”W.; to lat. 44°35’00”N., long. 90°18’00”W.; to lat. 44°27’00”N., long. 89°59’00”W.; to lat. 44°10’00”N., long. 89°59’00”W.; to lat. 44°03’00”N., long. 89°55’42”W.; to lat. 44°03’00”N., long. 90°17’00”W.; to lat. 44°00’02”N., long. 90°22’00”W.; to lat. 44°00’02”N., long. 90°36’35”W.; to lat. 44°00’10”N., long. 90°36’41”W.; to lat. 44°00’28”N., long. 90°36’41”W.; to lat. 44°09’36”N., long. 90°36’50”W.; to lat. 44°09’36”N., long. 90°40’22”W.; to lat. 44°08’40”N., long. 90°40’22”W.; to lat. 44°08’40”N., long. 90°44’20”W.; to the point of beginning, excluding that airspace within R-6904A and R-6904B, when active, and that airspace at and below 1,500 feet AGL within a 3 NM radius of the Necedah Airport, WI; Bloyer Field Airport, WI; and Neillsville Municipal Airport, WI.
Altitudes. 500 feet AGL to, but not including, FL180.
Times of use. Intermittent by NOTAM at least 4 hours in advance.
Controlling agency. FAA, Minneapolis ARTCC.
Using agency. Air National Guard, Volk Field Combat Readiness Training Center, WI.

BOUNDARIES, TIMES OF USE, ALTITUDES CHANGED 11/10/16

Walker High MOA, CA
Boundaries. Beginning at lat. 38°35’00”N., long. 119°05’00”W.; to lat. 38°15’00”N., long. 119°20’00”W.; to lat. 38°12’00”N., long. 119°41’00”W.; to lat. 38°30’00”N., long. 119° 41’00”W.; to lat. 38°35’00”N., long. 119°30’00”W.; to the point of beginning.
Altitudes. 13,500 feet MSL to but not including FL180.
Times of Use. Intermittent by NOTAM at least twenty four hours in advance, up to 40 days per year for approximately 12 hours per day.
Controlling Agency. FAA, Oakland ARTCC.
Using Agency. USMC Mountain Warfare Training Center, Bridgeport, CA.

ADDED 02/16/2020

Walker Low MOA, CA
Boundaries. Beginning at lat. 38°29'09"N., long. 119°27'58"W.; to lat. 38°21'45"N., long. 119°27'39"W.; to lat. 38°17'41"N., long. 119°28'28"W.; to lat. 38°15'36"N., long. 119°36'46"W.; to lat. 38°17'10"N., long. 119°39'05"W.; to lat. 38°23'58"N., long. 119°37'41"W.; to lat. 38°29'13"N., long. 119°32'39"W.; to the point of beginning.

Altitudes. Surface to but not including 13,500' MSL; excluding that airspace surface to 3,000' AGL over wilderness areas.
Times of Use. Intermittent by NOTAM at least twenty four hours in advance, up to 100 days per year for approximately 15 hours per day.
Controlling Agency. FAA, Oakland ARTCC.
Using Agency. USMC Mountain Warfare Training Center, Bridgeport, CA.

ADDED 02/16/2020

Warhawk MOA, GA
Boundaries. Beginning at lat. 31°58'19"N., long. 83°23'38"W.; to lat. 31°18'41'N., long. 82°44'35"W,; to lat. 31°22'59"N., long. 83°09'40"W.; to lat. 31°29'40"N., long. 83°23'00"W.; to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.
Times of use. 0700-0200 Monday-Friday; other times by NOTAM 6 hours in advance.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, 23rd Wing, Moody AFB, GA.

ADDED 08/17/17

Warrior 1 High MOA, LA
Boundaries. Beginning at lat. 31°30'00"N., long. 93°39'00"W.; to lat. 31°30'00"N., long. 93°08'00"W.; to lat. 31°27'31"N., long. 93°03'01"W.; to lat. 31°23'41"N., long. 93°05'46"W.; to lat. 31°13'56"N., long. 92°49'46"W.; to lat. 31°05'16"N., long. 92°34'51"W.; to lat. 31°11'46"N., long. 92°30'16"W.; to lat. 31°06'00"N., long. 92°24'00"W.; to lat. 31°00'00"N., long. 92°23'42"W.; to lat. 31°00'00"N., long. 93°52'06"W.; to lat. 31°07'00"N., long. 93°56'00"W.; to the point of beginning, excluding R-3803A, R-3803C, R-3803D, and R-3804A when activated.
Altitudes. 10,000 feet MSL to but not including FL 180.
Time of designation. 0700-2200, Monday-Friday, other times by NOTAM.
Controlling agency. FAA, Houston ARTCC.
Using agency. U.S. Army, Commanding General, Joint Readiness Training Center, Fort Polk, LA.

USING AGENCY CHANGE 03/01/18
BOUNDARIES CHANGE 09/12/19

Warrior 1 Low MOA, LA
Boundaries. Beginning at lat. 31°30’00”N., long. 93°39’00”W.; to lat. 31°30’00”N., long. 93°08’00”W.; to lat. 31°27’31”N., long. 93°03’01”W.; to lat. 31°23’41”N., long. 93°05’46”W.; to lat. 31°13’56”N., long. 92°49’46”W.; to lat. 31°05’16”N., long. 92°34’51”W.; to lat. 31°11’46”N., long. 92°30’16”W.; to lat. 31°06’00”N., long. 92°24’00”W.; to lat. 31°00’00”N., long. 92°23’42”W.; to lat. 31°00’00”N., long. 93°52’06”W.; to lat. 31°07’00”N., long. 93°56’00”W.; to the point of beginning, excluding that airspace at and below 1,500 feet AGL within a 3 NM radius of the Leesville Airport, Leesville, LA, and the Woodworth Airport, Woodworth, LA; and R-3803A, R-3803C, R-3803D, R-3804A, and R-3804B when activated.
Altitudes. 100 feet AGL to but not including 10,000 feet MSL.
Time of designation. 0700-2200, Monday-Friday, other times by NOTAM.
Controlling agency. FAA, Houston ARTCC.
Using agency. U.S. Army, Commanding General, Joint Readiness Training Center, Fort Polk, LA.

USING AGENCY CHANGE 03/01/18
BOUNDARIES CHANGE 09/12/19

Warrior 2 High MOA, LA
Boundaries. Beginning at lat. 31°00'00"N., long. 93°52'06"W.; to lat. 31°00'00"N., long. 92°23'42"W.; to lat. 30°45'02"N., long. 92°41'19"W.; to lat. 30°44'57"N., long. 93°43'54"W.; to the point of beginning.
Altitudes. 10,000 feet MSL to but not including FL 180.
Time of designation. 0700-2200, Monday-Friday, other times by NOTAM.
Controlling agency. FAA, Houston ARTCC.
Using agency. U.S. Army, Commanding General, Joint Readiness Training Center, Fort Polk, LA.

BOUNDARIES AND USING AGENCY CHANGE 03/01/18

Warrior 2 Low MOA, LA
Boundaries. Beginning at lat. 31°00'00"N., long. 93°52'06"W.; to lat. 31°00'00"N., long. 92°23'42"W.; to lat. 30°45'02"N., long. 92°41'19"W.; to lat. 30°44'57"N., long. 93°43'54"W.; to the point of beginning, excluding that airspace at and below 1,500 feet AGL within a 3 NM radius of the Newton Municipal Airport, Newton, TX; the Allen Parish Airport, Oakdale, LA; and the Beauregard Regional Airport, Deridder, LA; and that airspace at and below 1,500 feet AGL within a 2 NM radius of the city of Elizabeth, LA.
Altitudes. 100 feet AGL to but not including 10,000 feet MSL.
Time of designation. 0700-2200, Monday-Friday, other times by NOTAM.
Controlling agency. FAA, Houston ARTCC.
Using agency. U.S. Army, Commanding General, Joint Readiness Training Center, Fort Polk, LA.

BOUNDARIES AND USING AGENCY CHANGE 03/01/18

Warrior 3 High MOA, LA
Boundaries. Beginning at lat. 30°44'57"N., long. 93°43'54"W.; to lat. 30°45'02"N., long. 92°41'19"W.; to lat. 31°00'00"N., long. 92°23'42"W.; to lat. 30°45'56"N., long. 92°22'58"W.; to lat. 30°30'00"N., long. 92°46'30"W.; to lat. 30°30'00"N., long. 93°35'30"W.; to the point of beginning.
Altitudes. 10,000 feet MSL to but not including FL 180.
Time of designation. 0700-2200, Monday-Friday, other times by NOTAM.
Controlling agency. FAA, Houston ARTCC.
Using agency. U.S. Army, Commanding General, Joint Readiness Training Center, Fort Polk, LA.

BOUNDARIES AND USING AGENCY CHANGED 03/01/18

Warrior 3 Low MOA, LA
Boundaries. Beginning at lat. 30°44'57"N., long. 93°43'54"W.; to lat. 30°45'02"N., long. 92°41'19"W.; to lat. 31°00'00"N., long. 92°23'42"W.; to lat. 30°45'56"N., long. 92°22'58"W.; to lat. 30°30'00"N., long. 92°46'30"W.; to lat. 30°30'00"N., long. 93°35'30"W.; to the point of beginning, excluding that airspace at and below 1,500 feet AGL within a 3 NM radius of Beauregard Regional Airport, Deridder, LA; the Allen Parish Airport, Oakdale, LA; the Central Farmers Coop Airport, Mamou, LA.
Altitudes. 100 feet AGL to but not including 10,000 feet MSL.
Time of designation. 0700-2200, Monday-Friday, other times by NOTAM.
Controlling agency. FAA, Houston ARTCC.
Using agency. U.S. Army, Commanding General, Joint Readiness Training Center, Fort Polk, LA.

BOUNDARIES AND USING AGENCY CHANGED 03/01/18

Washita MOA, OK
Boundaries. Beginning at lat. 34°43'46"N., long. 98°49'55"W.; to lat. 35°08'52"N., long. 98°58'17"W.; thence clockwise via the 72 NM arc of SPS VORTAC to lat. 35°05'35"N., long. 98°01'27"W.; to lat. 34°45'18"N., long. 98°11'54"W.; to lat. 34°47'00"N., long. 98°17'46"W.; to lat. 34°46'15"N., long. 98°25'01"W.; to lat. 34°45'03"N., long. 98°29'46"W.; thence counterclockwise via the 46 NM arc of SPS VORTAC to the point of beginning.
Altitudes. 8,000 feet MSL to but not including FL 180.
Times of use. One hour before sunrise to one hour after sunset, Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Fort Worth ARTCC.
Using agency. U.S. Air Force, 80th Flying Training Wing, Sheppard AFB, TX.

BOUNDARIES CHANGED 09/11/97

Westover 1 MOA, TX
Boundaries. Beginning at lat. 34°02'13"N., long. 99°05'28"W.; to lat. 33°53'30"N., long. 99°02'01"W.; to lat. 33°38'42"N., long. 98°52'47"W.; to lat. 33°20'08"N., long. 99°02'28"W.; to lat. 33°11'45"N., long. 99°08'01"W.; to lat. 33°06'10"N., long. 99°14'09"W.; thence clockwise

via the 62 NM arc of the SPS VORTAC to lat. 34°11'42"N., long. 99°48'44"W.; to the point of beginning.
Altitudes. 9,000 feet MSL to but not including FL 180.
Times of use. One hour before sunrise to one hour after sunset, Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Fort Worth ARTCC.
Using agency. U.S. Air Force, 80th Flying Training Wing (ATC), Sheppard AFB, Wichita Falls, TX

ADDED 02/09/89

Westover 2 MOA, TX
Boundaries. Beginning at lat. 33°06'10"N., long. 99°14'09"W.; to lat. 32°51'58"N., long. 99°29'53"W.; thence clockwise via the 81 NM arc of the SPS VORTAC to lat. 33°16'30"N., long. 99°58'31"W.; to lat. 33°37'38"N., long. 100°09'18"W.; thence clockwise via the 81 NM arc of the SPS VORTAC to lat. 33°50'07"N., long. 100°12'19"W.; to lat. 33°49'32"N., long. 100°35'11"W.; thence clockwise via the 100 NM arc of the SPS VORTAC to lat. 34°20'50"N., long. 100°33'17"W.; to lat. 34°17'43"N., long. 100°15'34"W.; to lat. 34°11'42"N., long. 99°48'44"W.; thence counterclockwise via the 62 NM arc of the SPS VORTAC to the point of beginning.
Altitudes. 10,000 feet MSL to but not including FL 180.
Times of use. One hour before sunrise to one hour after sunset, Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Fort Worth ARTCC.
Using agency. U.S. Air Force, 80th Flying Training Wing (ATC), Sheppard AFB, Wichita Falls, TX.

White Elk MOA, NV
Boundaries. Beginning at lat. 40°36’00”N, long. 114°27’03”W; lat. 40°36’00”N, long. 114°51’00”W; lat. 40°24’30”N, long. 115°06’00”W; lat. 39°51’40”N, long. 115°06’00”W; lat. 39°23’00”N, long. 114°27’03”W;to the point of beginning.
Altitudes. 14,000 feet MSL to but not including FL180.
Times of Use. 0730-2200 Monday through Thursday, 0730-1630 Fridays; other times by NOTAM
Controlling Agency. Salt Lake ARTCC
Using Agency. U.S. Air Force, Commander, 388th Fighter Wing, Hill AFB, UT

ADDED 11/15/12

Whitmore 1 MOA, CA
Boundaries. Beginning at lat. 40°14'46"N, long.122°08'03"W; to lat. 40°36'50"N, long.121°52'36"W; thence clockwise on the Red Bluff VORTAC 35 NM arc to lat. 40°07'01"N, long.121°28'35"W; to lat. 40°06'16"N, long.122°01'09"W; thence counterclockwise on the Red Bluff VORTAC 10 NM arc to the point of beginning.
Altitude. 11,000 MSL or 3,000 AGL whichever is higher to but not including FL 180.

Times of use. 0730-1630 Monday-Friday; other times by NOTAM.
Controlling. agency. FAA, Oakland ARTCC.
Using agency. USAF, 9th Operations Group (9th OSS/OSAA) Beale AFB, CA.

ALTITUDE AND USING AGENCY CHANGED 06/15/00

Whitmore 2 MOA, CA
Boundaries. Beginning at lat. 40°36'50"N, long.121°52'36"W; to lat. 40°58'51"N, long.121°37'00"W; thence clockwise on the Red Bluff VORTAC 60 NM arc to lat. 40°37'26"N, long.121°07'21"W; to lat. 40°24'23"N, long.121°35'20"W; thence counterclockwise on the Red Bluff VORTAC 35 NM arc to the point of beginning.
Altitude. 11,000 MSL or 3,000 AGL whichever is higher to but not including FL 180.
Times of use. 0730-1630 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Oakland ARTCC.
Using agency. USAF, 9th Operations Group (9th OSS/OSAA) Beale AFB, CA.

ALTITUDE AND USING AGENCY CHANGED 06/15/00

Whitmore 3 MOA, CA
Boundaries. Beginning at lat. 40°24'23"N, long.121°35'20"W; to lat. 40°37'26"N, long.121°07'21"W; thence clockwise on the Red Bluff VORTAC 60 NM arc to lat. 40°07'36"N, long.120°56'00"W; to lat. 40°07'01"N, long.121°28'35"W; thence counterclockwise on the Red Bluff VORTAC 35 NM arc to the point of beginning.
Altitude. 11,000 MSL or 3,000 AGL whichever is higher to but not including FL 180.
Times of use. 0730-1630 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Oakland ARTCC.
Using agency. USAF, 9th Operations Group (9th OSS/OSAA) Beale AFB, CA.

ALTITUDE AND USING AGENCY CHANGED 06/15/00

Yankee 1 MOA, NH
Boundaries. Beginning at lat. 43°43'15"N., long. 71°59'58"W.; to lat. 44°09'00"N., long. 72°16'58"W.; to lat. 44°32'00"N., long. 71°51'58"W.; to lat. 44°38'00"N., long. 71°22'58"W.; to lat. 44°16'00"N., long. 71°07'58"W.; to lat. 43°39'00"N., long. 71°26'58"W.; to the point of beginning.
Altitudes. 9,000 feet MSL to but not including FL 180.
Times of use. Sunrise-sunset; other times by NOTAM.
Controlling agency. FAA, Boston ARTCC, MA.
Using agency. U.S. Air Force, Eastern Air Defense Sector, Rome, NY.

USING AGENCY CHANGED 12/12/13

Yankee 2 MOA, NH
Boundaries. Beginning at lat. 43°42'06"N., long. 71°50'58"W., to lat. 43°39'00"N., long. 71°26'58"W., to lat. 44°04'49"N., long. 71°13'46"W., thence northwest along Route 302 to lat. 44°16'00"N., long. 71°28'58"W., to lat. 44°15'00"N., long. 71°30'58"W., to lat. 44°06'00"N., long. 71°59'58"W., to lat. 44°00'00"N., long. 71°59'58"W., to lat. 43°53'00"N., long. 71°50'58"W., to the point of beginning.
Altitudes. 100 feet AGL to but not including 9,000 feet MSL.
Times of use. Sunrise-sunset; other times by NOTAM.
Controlling agency. FAA, Boston ARTCC.
Using agency. U.S. Air Force, Eastern Air Defense Sector, Rome, NY.

USING AGENCY CHANGED 12/12/13

Yukon 1 MOA, AK
Boundaries. Beginning at lat. 64°41'10"N., long. 146°55'00"W.; to lat. 64°53'54"N., long. 146°55'00"W.; to lat. 64°59'59"N., long. 146°43'43"W.; to lat. 64°59'59"N., long. 146°16'00"W.; to lat. 64°59'59"N., long. 146°05'00"W.;to lat. 64°59'59"N., long. 143°00'08"W.; to lat. 63°59'59"N., long. 144°00'08"W.; to lat. 64°33'23"N., long. 146°18'39"W.; to lat. 64°33'23"N., long. 146°46'09"W.; to lat. 64°34'24"N., long. 146°47'29"W.; to point of beginning. Excluding that airspace: (1) over the Chena Recreation area surface to 1,500 feet AGL May 1-Sept 30 beginning at lat. 64°59'59"N., long. 146°16'00"W.; to lat. 64°59'59"N., long. 146°05'00"W.; to lat. 64°52'00"N., long. 146°05'00"W.; to lat. 64°49'00"N., long. 146°09'00"W.; to lat. 64°49'00"N., long. 146°15'00"W.; to lat. 64°51'00"N.,.long 146°35'00"W.; to lat. 64°55'33"N.,.long. 146°35'00"W.; to lat. 64°57'00"N., long. 146°18'00"W.; to point of beginning. (2) over Pleasant Valley Subdivision surface to 5,000 feet MSL Beginning: at lat. 64°55'00"N., long. 146°52'59"W.; at lat. 64°55'00"N., long. 146°45'00"W.; to lat. 64°51'30"N., long. 146°45'00"W.; to lat. 64°50'00"N., long.146°50'00"W.; to lat. 64°50'00"N., long. 146°55'00"W.; to lat. 64°53'54"N., long. 146°55'00"W.; to point of beginning. (3) from the surface to 2,000 feet AGL within 2 NM either side of the center of the Charley River, Apr 15 through Sept 15 northward from lat. 64°41'00"N., long. 143°38'00"W.; northward to the boundary of the Yukon 1 MOA.(4) portion wholly contained in R-2205B, R-2205C, R-2205D, R-2205E, R-2205G, R-2205H, R-2205J, and R-2205K when active.
Altitudes. 100 feet AGL to but not including FL 180.
Times of use. 0800-1800, Monday-Friday; by NOTAM for other times between 0700-0000; pending Special Use Airspace Information Service availability.
Controlling agency. FAA, Anchorage ARTCC.
Using agency. USAF, 354 FW, Eielson AFB, AK.
NOTE: SUAIS including VHF transmitter/receiver, recording, and telephone capability must be operational during activation. Any operation during reduced capability requires the issuance of a NOTAM.

TIMES OF USE AND NOTE CHANGED 11/08/18
BOUNDARIES CHANGED 10/10/19

Yukon 2 MOA, AK
Boundaries. Beginning at lat. 66°09'59"N., long. 145°05'09"W.; to lat. 66°09'59"N., long. 143°00'09"W.; to lat. 64°59'59"N., long. 143°00'08"W.; to lat. 64º59’59”N., long. 146º05’00”W.; to lat. 64º59’59”N., long. 146º16’00”W.; to lat. 64°59'59"N., long. 146°43'43"W.; to lat. 65°22'59"N., long. 146°00'09"W.; to point of beginning. Excluding: (1) that airspace below 2,000 feet AGL at lat. 65°27'03"N., long. 145°55'32"W.; to lat. 65°34'59"N., long. 145°30'09"W.; to lat. 65°39'59"N., long. 144°35'09"W.; to lat. 65°51'59"N., long. 144°05'09"W.; to lat. 65°51'59"N., long. 144°00'09"W.; to lat. 65°44'59"N., long. 144°00'09"W.; to lat. 65°20'59"N., long. 144°40'09"W.; to lat. 65°20'59"N., long. 146°04'00"W.; to lat. 65°22'59"N., long. 146°00'09"W.; to the point of beginning. (2) that airspace at or below 1,500 feet AGL within a 3 NM radius of the Coal Creek Airport, (centered at lat. 65°18'41"N., long. 143°08'03"W.;) (3) that airspace at or below 1,500 feet AGL within a 3 NM radius of the Chena Hot Springs Airport (centered at lat. 65°03'07"N., long. 146°02'51"W.;) (4) that airspace at or below 1,500 feet AGL within a 3 NM radius of the Circle City Airport (centered at lat. 65°49'41"N., long. 144°04'34"W.;) (5) that airspace surface to 2,000 feet AGL 2 NM either side of the side of the following Yukon-Charley River exclusion areas 15 Apr through 15 Sep: Yukon River (a) extending from long. 143°00'09"W.; northwest to lat. 65°46'00"N., long. 144°00'00"W., (b) Charley River entire portion.
Altitudes. 100 feet AGL to but not including FL 180.
Times of use. 0800-1800, Monday-Friday; by NOTAM for other times between 0700-0000; pending Special Use Airspace Information Service availability.
Controlling agency. FAA, Anchorage ARTCC.
Using agency. USAF, 354 FW, Eielson AFB, AK.
NOTE: SUAIS including VHF transmitter/receiver, recording, and telephone capability must be operational during activation. Any operation during reduced capability requires the issuance of a NOTAM.

BOUNDARIES CHANGED 09/13/18
TIMES OF USE AND NOTE CHANGED 11/08/18

Yukon 3 High MOA, AK
Boundaries. Beginning at lat. 64°59'59”N., long. 143°00'08”W.; to lat. 64°59'59”N., long. 141°05'00”W.; to lat. 63°59'59”N., long. 143°00'00”W.; to lat. 63°59'59”N., long. 144°00'08”W.; to point of beginning.
Altitudes. 10,000 feet MSL to but not including FL 180.
Times of use. 1000-1500, Monday-Friday; by NOTAM for other times between 0700-0000; pending Special Use Airspace Information Service availability.
Controlling agency. FAA, Anchorage ARTCC.
Using agency. U.S. Air Force 354th Fighter Wing, Eielson AFB, AK.
NOTE: SUAIS including VHF transmitter/receiver, recording, and telephone capability must be operational during activation. Any operation during reduced capability requires the issuance of a NOTAM.

TIMES OF USE AND NOTE CHANGED 11/08/18

Yukon 3A Low MOA, AK
Boundaries. Beginning at lat. 64°59'59"N., long. 143°00'08"W.; to lat. 64°59'59"N., long. 141°05'00"W.; to lat. 63°59'59"N., long. 143°00'00"W.; to lat. 63°59'59"N., long. 144°00'08"W.; to the point of beginning. Excluding that airspace 2,000 feet AGL and below 2 NM from either side of the center of the Yukon River from April 15 thru Sept. 15.
Altitudes. 100 feet AGL to but not including 10,000 feet MSL.
Times of use. 1000-1130 and 1330-1500, Monday-Friday; by NOTAM for other times between 0700-0000; pending Special Use Airspace Information Service availability.
Controlling agency. FAA, Anchorage ARTCC.
Using agency. U.S. Air Force 354th Fighter Wing, Eielson AFB, AK.
NOTE: SUAIS including VHF transmitter/receiver, recording, and telephone capability must be operational during activation. Any operation during reduced capability requires the issuance of a NOTAM.

TIMES OF USE AND NOTE CHANGED 11/08/18

Yukon 3B MOA, AK
Boundaries. Beginning at lat. 63°59'59"N., long. 143°00'00"W.; to lat. 63°59'59"N., long. 141°05'00"W.; to lat. 64°59'59"N., long. 141°05'00"W.; to point of beginning.
Altitude. 2,000 feet AGL to but not including FL 180.
Times of use. By NOTAM between 0700-0000 during locally publicized major flying exercises to a maximum of 60 actual flying days per year; pending Special Use Airspace Information Service availability.
Controlling Agency. FAA Anchorage ARTCC.
Using Agency. US Air Force 354th Fighter Wing, Eielson AFB, AK.
NOTE: SUAIS including VHF transmitter/receiver, recording, and telephone capability must be operational during activation. Any operation during reduced capability requires the issuance of a NOTAM.

TIMES OF USE AND NOTE CHANGED 11/08/18

Yukon 4 MOA, AK
Boundaries. Beginning at lat. 64°59'59"N., long. 143°00'08"W.; to lat. 64°59'59"N., long. 141°05'00"W.; to lat. 66°09'59"N., long. 141°05'00"W.; to lat. 66°09'59"N., long. 143°00'09"W.; to the point of beginning. Excluding that airspace surface to 2,000 feet AGL 2 NM either side of the center of the Yukon-Charley River exclusion areas April 15 through Sept. 15 (1) Yukon River Entire portion (2) Charley River Entire portion. (3) Kandick River Extending from lat. 65°44'00"N., long. 141°17'00"W. southwest to the Yukon River.
Altitudes. 100 feet AGL to but not including FL 180.
Times of use. 1000-1500, Monday-Friday; by NOTAM for other times between 0700-0000.
Controlling agency. FAA, Anchorage ARTCC.
Using agency. U.S. Air Force 354th Fighter Wing, Eielson AFB, AK.

TIMES OF USE CHANGED 11/08/18

Yukon 5 MOA, AK
Boundaries. Beginning at lat. 66°09'59"N., long. 145°05'09"W.; to lat. 66°40'00"N., long. 144°30'00"W.; to lat. 66°40'00"N., long. 141°05'00"W.; to lat. 66°09'59"N., long. 141°05'00"W.; to lat. 66º09'59"N., long. 143º00'09"W.; to the point of beginning.
Altitudes. 5,000 feet AGL to but not including FL 180.
Times of use. By NOTAM between 0700-0000 during locally publicized major flying exercises to a maximum of 60 actual flying days per year.
Controlling agency. FAA, Anchorage ARTCC.
Using agency. U.S. Air Force 354th Fighter Wing, Eielson AFB, AK.

BOUNDARIES CHANGED 09/13/18
TIMES OF USE CHANGED 11/08/18

Subpart C – Alert Areas

Definition.

Airspace which may contain a high volume of pilot training activities or an unusual type of aerial activity, neither of which is hazardous to aircraft.

Activities.

Pilot training or an unusual type of aeronautical activity.

A-211 Dothan, AL
Boundaries. Beginning at lat. 30°58'01"N., long. 84°49'00"W.; to lat. 30°57'01"N., long. 85°05'00"W.; to lat. 30°52'01"N., long. 85°18'00"W.; to lat. 30°53'01"N., long. 86°30'00"W.; to lat. 30°59'01"N., long. 86°36'00"W.; to lat. 31°33'01"N., long. 86°35'00"W.; to lat. 31°51'01"N., long. 86°24'00"W.; to lat. 31°57'01"N., long. 85°42'00"W.; to lat. 31°48'01"N., long. 85°34'00"W.; to lat. 31°51'01"N., long. 85°05'00"W.; to lat. 31°37'01"N., long. 85°03'30"W.; thence south via the Chattahoochee River to lat. 31°07'01"N., long. 85°03'00"W.; to lat. 31°01'01"N., long. 84°49'00"W.; to the point of beginning, excluding Restricted Area R-2103; the Fort Rucker, AL; the Dothan, AL; and the Troy, AL, Class D airspace areas.
Altitudes. From the surface to and including 5,000 feet.
Times of use. 0600-2200 Monday-Friday.
Using agency. Commander, U.S. Army, Fort Rucker, AL.

BOUNDARIES CHANGED 09/16/93

A-220 McGuire AFB, NJ
Boundaries. Beginning at lat. 39°46'15"N., long. 74°24'59"W.; to lat. 39°57'15"N., long. 74°18'44"W.; to lat. 40°05'00"N., long. 74°11'44"W.; to lat. 40°11'45"N., long. 74°32'59"W.; to

lat. 40°03'30"N., long. 74°42'59"W.; to lat. 39°49'15"N., long. 74°51'59"W.; to the point of beginning.
Altitudes. Surface to 4,500 feet MSL.
Times of use. 0800-2200, daily.
Controlling agency. McGuire RAPCON.
Using agency. Commanding Officer, McGuire AFB, NJ.

TIMES OF USE CHANGED 01/15/09

A-231 Luke AFB, AZ
Boundaries. Beginning at lat. 33°31'00"N., long. 112°45'03"W.; to lat. 33°55'00"N., long. 112°45'03"W.; to lat. 33°59'00"N., long. 112°38'03"W.; to lat. 33°39'10"N., long. 112°13'23"W.; to lat. 33°36'35"N., long. 112°13'38"W.; to lat. 33°35'34"N., long. 112°13'55"W.: to lat. 33°30'27"N., long. 112°19'23"W.; to lat. 33°30'22"N., long. 112°27'45"W.; thence clockwise via the Phoenix Luke AFB, AZ, Class D airspace area to lat. 33°31'00"N., long. 112°28'01"W.; to the point of beginning.
Altitudes. From 500 feet AGL to and including 6,500 feet MSL, excluding the airspace below 4,000 feet AGL within the Phoenix Luke AFB, AZ, Class D airspace area.
Times of use. Continuous.
Using agency. Commander, Luke AFB, AZ.

BOUNDARIES AND ALTITUDES CHANGED 09/16/93

A-260 Colorado Springs, CO
Boundaries. Beginning at lat. 39°02'00"N., long. 104°47'02"W.; to lat. 38°57'00"N., long. 104°47'02"W.; to lat. 38°57'00"N., long. 104°55'02"W.; to lat. 39°02'00"N., long. 104°55'02"W.; to the point of beginning, excluding the airspace below 4,000 feet AGL within the Colorado Springs USAF Academy, CO, Class D airspace area.
Altitudes. From the surface to 17,500 feet MSL.
Times of use. Daily, sunrise-sunset.
Using agency. Department of the Air Force, U.S. Air Force Academy, CO.

BOUNDARIES CHANGED 09/16/93

A-291A Miami, FL
Boundaries. Beginning at lat. 26°22'31"N., long. 80°21'59"W.; to lat. 26°21'01"N., long. 80°l7'19"W.; to lat. 26°l3'31"N., long. 80°l7'19"W.; to lat. 26°13'01"N., long. 80°23'59"W.; to the point of beginning.
Altitudes. Surface to 2,500 feet MSL.
Times of use. 0600-2400 daily.
Using agency. General aviation aircraft - no specific agency.

A-291B Miami, FL
Boundaries. Beginning at lat. 26°09'16"N., long. 80°45'59"W.; to lat. 26°08'31"N., long. 80°41'29"W.; to lat. 26°08'31"N., long. 80°37'59"W.; to lat. 26°03'41"N., long. 80°34'14"W.; to lat. 26°03'41"N., long. 80°29'59"W.; to lat. 26°00'01"N., long. 80°29'59"W.; to lat. 26°00'01"N., long. 80°45'59"W.; to the point of beginning.
Altitudes. Surface to 3,900 feet MSL.
Times of use. 0600-2400 daily.
Using agency. General aviation aircraft - no specific agency.

A-291C Miami, FL
Boundaries. Beginning at lat. 26°08'31"N., long. 80°37'59"W.; to lat. 26°08'31"N., long. 80°29'59"W.; to lat. 26°03'41"N., long. 80°29'59"W.; to lat. 26°03'41"N., long. 80°34'14"W.; to the point of beginning.
Altitudes. Surface to 2,500 feet MSL.
Times of use. 0600-2400 daily.
Using agency. General aviation aircraft – no specific agency.

A-291D Miami, FL
Boundaries. Beginning at lat. 25°36'31"N., long. 80°46'29"W.; to lat. 25°36'21"N., long. 80°35'14"W.; to lat. 25°25’00”., long. 80°38’15”W.; to lat. 25°23'01"N., long. 80°40'45"W.; to lat. 25°23'01"N., long. 80°46'29"W.; to the point of beginning.
Altitudes. Surface to 3,900 feet MSL.
Times of use. 0600-2400 daily.
Using agency. General aviation aircraft - no specific agency.

REVISED 05/12/05

A-292 Pensacola, FL
Boundaries. Beginning at lat. 31°30’01”N., long. 86°45’00”W.; thence due south to the boundary of R-2915A; thence counterclockwise along the boundaries of R-2915A and R-2915B to lat. 30°19’45”N., long. 86°51’30”W.; thence 3 NM from and parallel to the shoreline to lat. 30°16’13”N., long. 87°12’29”W.; to lat.30°19’01”N., long. 87°13’25”W.; thence west along the shoreline to lat. 30°13’16”N., long. 88°01’30”W.; to lat. 30°31’01”N., long. 87°55’00”W.; thence along the shoreline to lat. 30°42’01”N., long. 88°00’00”W.; to lat. 30°50’01”N., long. 87°48’00”W.; to lat. 31°25’01”N., long. 87°18’00”W.; to lat. 31°30’01”N., long. 86°56’00”W.; to the point of beginning.
Altitudes. Surface to 3,000 feet MSL within Federal airways; otherwise surface to 17,500 feet MSL.
Times of use. Sunrise-0100 Monday-Friday; sunrise-sunset Saturday.
Using agency. Commander, Training Wing 6, Naval Air Station, Pensacola, FL.

BOUNDARIES AND ALTITUDES CHANGED 09/13/18

A-293 Daytona Beach, FL
Boundaries. Beginning at lat. 29°33’38”N., long. 81°31’31”W.; to lat. 29°33’31”N., long. 81°18’56”W.; to lat. 29°07’10”N., long. 81°15’07”W.; to lat. 29°06’26”N., long. 81°29’44”W.; to lat. 29°13’02”N., long. 81°29’26”W.; to the point of beginning.
Altitudes. Surface to 4,000 feet MSL.
Times of use. 0600 to 2400 daily.
Using agency. General aviation flight training – no specific agency.
Note for Jacksonville Sectional Aeronautical Chart: Caution: High volume of flight training surface to 4,000 feet MSL.

ADDED 02/02/17

A-294 Daytona Beach, FL
Boundaries. Beginning at lat. 29°00’51”N., long. 81°09’08”W.; to lat. 29°00’14”N., long. 80°59’56”W.; to lat. 28°57’06”N., long. 80°58’57”W.; to lat. 29°01’55”N., long. 80°51’10”W.; to lat. 28°58’01”N., long. 80°48’42”W,; to lat. 28°52’20”N., long. 80°58’45”W.; to lat. 28°55’44”N., long. 81°09’26”W.; to the point of beginning.
Altitudes. Surface to 4,000 feet MSL.
Times of use. 0600 to 2400 daily.
Using agency. General aviation flight training – no specific agency.
Note for Jacksonville Sectional Aeronautical Chart: Caution: High volume of flight training surface to 4,000 feet MSL.

ADDED 02/02/17

A-311 Wheeler AAF Oahu, HI
Boundaries. Beginning at lat. 21°40'40"N., long. 158°01'50"W.; to lat. 21°41'35"N., long. 157°58'37"W.; to lat. 21°26'37"N., long. 157°52'50"W.; to lat. 21°26'37"N., long. 157°57'30"W.; to lat. 21°29'13"N., long. 157°58'26"W.; to lat. 21°29'13"N., long. 157°58'50"W.; to lat. 21°30'33"N., long. 158°00'07"W.; thence counter-clockwise via the 2.6-mile radius of Wheeler AAF (lat. 21°28'53"N., long. 158°02'16"W.); to lat. 21°31'29"N., long. 158°01'56"W.; excluding that airspace over the Township of Wahiawa; to the point of beginning.
Altitudes. Surface to 500 feet AGL.
Times of use. 0700-2300 daily.
Using agency. 25th Infantry Division, Schofield Barracks, HI.

TITLE AND BOUNDARIES CHANGED 04/25/19

A-371 Fort Campbell, KY
Boundaries. Beginning at lat. 36°20'30"N., long. 87°27'00"W.; thence clockwise via a 20 NM radius arc centered upon Fort Campbell AAF (lat. 36°40'22"N., long. 87°29'24"W.) to lat. 36°35'00"N., long. 87°05'30"W.; to the point of beginning.
Altitudes. Surface to 2,000 feet MSL.

Times of use. Continuous.
Using agency. U. S. Army, Commander, Campbell AAF, Ft. Campbell, KY.

TIMES OF USE CHANGED AND USING AGENCY ADDED 06/01/89

A-381 Gulf Coast, Gulf of Mexico
Boundaries. Beginning at lat. 30º00'01"N., long. 89º00'00"W.; to lat. 29º00'01"N., long. 89º00'00"W.; to lat. 29º00'01"N., long. 95º00'01"W.; to lat. 30º00'01"N., long. 95º00'01"W.; to lat. 30º00'01"N., long. 92º20'00"W.; to lat. 30º15'01"N., long. 92º00'00"W.; to lat. 30º00'01"N., long. 91º41'00"W.; to the point of beginning, excluding Class B, Class C, Class D, and Class E surface areas.
Altitudes. Surface to and including 2,000 feet MSL.
Times of use. Sunrise to Sunset, daily.
Using agency. General aviation aircraft - no specific agency.

BOUNDARIES AND ALTITUDES CHANGED 10/22/09

A-440 Columbus AFB, MS
Boundaries. Within an 8 NM radius of the Columbus AFB Airport reference point (lat. 33°38'38"N., long. 88°26'39"W.) and within 2 NM each side of the Caledonia VORTAC 137° radial, extending from the 8 NM radius to 12 NM southeast of the VORTAC.
Altitudes. Surface to and including 6,500 feet MSL.
Times of use. Sunrise to 3 hours after sunset, Monday-Friday (weekends by NOTAM).
Using agency. 14 Flying Training Wing, Columbus AFB, MS.

A-443 Shuqualak, MS
Boundaries. Beginning at lat. 33°01'59"N., long. 88°34'55"W.; to lat. 33°01'46"N., long. 88°27'48"W.; to lat. 32°52'38"N., long. 88°28'20"W.; to lat. 32°52'48"N., long. 88°34'40"W.; thence clockwise along the 3.6-NM arc centered at lat. 32°56'24"N., long. 88°34'45"W.; to lat. 32°58'42"N., long. 88°38'03"W.; thence counterclockwise along the 5-NM arc centered at. lat.33°03'11"N., long. 88°40'41"W.; to the point of beginning.
Altitudes. Surface to 4,000 feet MSL.
Times of use. Sunrise to sunset, Monday-Friday; other times by NOTAM.
Using agency. U.S. Air Force, 14th Flying Training Wing, Columbus AFB, MS.
Note for Memphis Sectional Aeronautical Chart: Alert Area A-443Concentrated Military Flight Training.

BOUNDARIES AND ALTITUDES CHANGED 04/03/14

A-481 Nellis AFB, NV
Boundaries. Beginning at lat. 36°14'00"N., long. 115°02'03"W.; to lat. 36°16'00"N., long. 115°39'03"W.; thence clockwise via the Nellis TACAN 30 NM DME arc to the border of R-

4806 thence south along the border of R-4806 to lat. 36°26'00"N., long. 115°22'03"W.; to the point of beginning.
Altitudes. 7,000 feet MSL up to and including 17,000 feet MSL.
Times of use. Sunrise-2200 daily; otherwise by NOTAM.
Using agency. USAF Warfare Center, Nellis AFB, NV.
Note: High performance climbs and descents by Nellis AFB training missions.

USING AGENCY CHANGED 03/12/09

A-530 Cherry Point, NC
Boundaries. Beginning at lat. 35°08'01"N., long. 76°51'19"W.; to lat. 34°46'01"N., long. 76°29'59"W.; to lat. 34°45'11"N., long. 76°40'29"W.; to lat. 34°42'01"N., long. 76°54'44"W.; to lat. 34°51'01"N., long. 77°05'29"W.; to lat. 34°49'31"N., long. 77°09'59"W.; to lat. 35°03'01"N., long. 76°56'59"W.; to the point of beginning.
Altitudes. From surface to but not including FL 180.
Times of use. 0700-2300, daily.
Using agency. USMC, Commanding Officer, U.S. Marine Corps Air Station Cherry Point, NC.

TIMES OF USE CHANGED 01/15/09

A-531 Albemarle, NC
Boundaries. Beginning at lat. 35°03'00"N, long. 79°42'00"W; to lat. 35°06'00"N, long. 80°09'00"W; to lat. 35°39'00"N, long. 80°09'00"W; to lat. 35°36'00"N, long. 79°44'00"W; thence to point of beginning; excluding the Albemarle, NC (Stanly Co. Airport) Class D airspace area.
Altitudes. 200 feet AGL to 1,500 feet AGL.
Times of use. Intermittent, 0600-2400, Monday-Friday; Saturday and Sunday by NOTAM.
Using agency. U.S. Army, Fort Bragg, NC.
NOTE: Extensive Military Helicopter Training 200 feet AGL to 1,500 feet AGL.

BOUNDARIES CHANGED 07/29/10

A-561 Fredrick, OK
Boundaries. Beginning at lat. 34°27'30"N., long. 99°02'01"W.; to lat. 34°27'30"N., long. 98°48'01"W.; at lat. 34°15'00"N., long. 98°48'01"W.; to lat. 34°15'00"N., long. 99°02'01"W.; to the point of beginning.
Altitudes. Surface to 4,000 feet MSL.
Times of use. Monday-Friday, sunrise-sunset.
Using agency. Commander, Sheppard AFB, TX.

TIME OF USE CHANGED 01/04/96

A-562A Enid, OK
Boundaries. Beginning: at lat. 36°10’00”N., long. 98°02’01”W; to lat. 36°30’00”N., long. 98°02’01”W; to lat. 36°30’00”N., long. 97°49’01”W; to lat. 36°10’00”N., long. 97°49’01”W; to the point of beginning, excluding the Vance AFB, OK Class D airspace and Class E surface area; and the Woodring Regional Airport, Enid, OK Class D airspace and Class E surface area.
Altitudes. Surface to and including 10,000 feet MSL.
Times of Use. Sunrise to 3 hours after sunset, Monday-Friday.
Using agency. Commander, Vance AFB, OK.

REVISED 10/27/05

A-562B Enid, OK
Boundaries. Beginning at lat. 36°37'00"N., long. 97°58'01"W.; to lat. 36°37'00"N., long. 98°11'01"W.; to lat. 36°52'00"N., long. 98°11'01"W.; to lat. 36°52'00"N., long. 97°58'01"W.; to the point of beginning.
Altitudes. Surface to and including 10,000 feet MSL.
Times of use. Sunrise-sunset Monday-Friday.
Using agency. Commander, Vance AFB, OK.

A-632A Corpus Christi, TX
Boundaries. Beginning at lat. 27°37'01"N., long. 99°04'41"W.; to lat. 27°49'31"N., long. 98°06'31"W.; to lat. 27°45'01"N., long. 98°07'01"W.; to lat. 27°44'01"N., long. 97°53'01"W.; thence counterclockwise along the 25 NM arc of the Corpus Christi VORTAC to lat. 27°31'01"N., long. 97°36'01"W.; to lat. 27°05'01"N., long. 97°44'01"W.; to lat. 26°43'01"N., long. 97°51'l6"W.; to lat. 26°40'01"N., long. 97°56'01"W.; to lat. 26°46'01"N., long. 98°04'01"W.; to lat. 27°21'01"N., long. 98°04'01"W.; to lat. 27°21'01"N., long. 98°39'01"W.; to lat. 27°33'01"N., long. 98°45'01"W.; to lat. 27°29'01"N., long. 99°03'01"W.; thence counterclockwise along the 20 NM arc of the Laredo VORTAC to the point of beginning.
Altitudes. 6,000 feet MSL to but not including FL 180.
Times of use. Sunrise-2300 Monday-Friday; sunrise-sunset Saturday; 1200-sunset Sunday.
Using agency. U.S. Navy, Commanding Officer, NAS Corpus Christi, TX.

USING AGENCY CHANGED 10/10/96

A-632B Corpus Christi Extension, TX
Boundaries. Beginning at lat. 27°46'07"N., long. 96°49'50"W.; thence northeast along a line 12NM from and parallel to the shoreline; to lat. 27°57'30"N., long. 96°38'13"W.; to lat. 28°07'01"N., long. 96°58'01"W.; to lat. 28°07'01"N., long. 96°59'21"W.; to lat. 27°58'12"N., long. 97°12'43"W.; to lat. 27°42'02"N., long. 97°22'31"W.; to lat. 27°12'01"N., long. 97°20'01"W.; to lat. 27°20'45"N., long. 97°05'20"W.; thence along the western boundary of W-228A; to the point of beginning, excluding (1) the Corpus Christi International Airport, TX, Class C airspace, (2) the NAS Corpus Christi, TX, Class D airspace,

(3) the NAS Corpus Christi (Cabaniss NOLF), TX, Class D airspace, and (4) the NAS Corpus Christi (Waldron NOLF), TX, Class D airspace.
Altitudes. Surface to but not including FL 180.
Times of use. 0700-2400 Monday-Sunday.
Using agency. U.S. Navy, Commanding Officer, NAS Corpus Christi, TX.

BOUNDARIES AND USING AGENCY CHANGED 10/10/96

A-632C Corpus Christi, TX
Boundaries. Beginning at lat. 27°57'01"N., long. 97°44'01"W.; to lat. 27°34'01"N., long. 97°35'01"W.; to lat. 27°3l'01"N., long. 97°36'01"W.; thence NW along a 25 NM arc of the Corpus Christi VORTAC to lat. 27°44'01"N., long. 97°53'01"W.; to lat. 27°45'01"N., long. 98°07'01"W.; to lat. 27°49'31"N., long. 98°06'31"W.; to lat. 28°07'31"N., long. 98°09'46"W.; to the point of beginning.
Altitudes. From the surface to but not including FL l80.
Times of use. Sunrise-2400 Monday-Friday.
Using agency. U.S. Navy, Commanding Officer, NAS Corpus Christi, TX.

USING AGENCY CHANGED 10/10/96

A-632D Corpus Christi, TX
Boundaries. Beginning at lat. 29°04'01"N., long. 97°30'01"W.; arc clockwise on the 6l NM arc of the San Antonio VORTAC to lat. 28°40'01"N., long. 98°07'31"W.; to lat. 28°32'31"N., long. 98°04'31"W.; to lat. 28°00'01"N., long. 97°26'46"W.; to lat. 28°27'01"N., long. 97°02'41"W.; to lat. 28°40'50"N., long. 97°l9'10"W.; arc counterclockwise on the 83 NM arc of the San Antonio VORTAC to lat. 28°52'01"N., long. 97°08'46"W.; to the point of beginning.
Altitudes. From 6,000 feet MSL to but not including 11,000 feet MSL.
Times of use. Sunrise-2400 Monday-Friday; 1400-2400 Sunday; other times by NOTAM.
Using agency. U.S. Navy, Commanding Officer, NAS Corpus Christi, TX.

USING AGENCY CHANGED 10/10/96

A-632E Corpus Christi, TX
Boundaries. Beginning at lat. 29°10'31"N., long. 96°58'01"W.; arc clockwise on the 83 NM arc of the San Antonio VORTAC to lat. 28°40'50"N., long. 97°19'10"W.; to lat. 28°27'01"N., long. 97°02'41"W.; to lat. 28°29'31"N., long. 97°00'31"W.; to lat. 28°38'01"N., long. 96°45'31"W.; to lat. 28°53'31"N., long. 96°35'31"W.; to lat. 29°06'31"N., long. 96°44'31"W.; to the point of beginning.
Altitudes. From 6,000 feet MSL to but not including 9,000 feet.
Times of use. Sunrise-2400 Monday-Friday; 1400-2400 Sunday; other times by NOTAM.
Using agency. U.S. Navy, Commanding Officer, NAS Corpus Christi, TX.

USING AGENCY CHANGED 10/10/96

A-632F Corpus Christi, TX
Boundaries. Beginning at lat. 27°57'30"N., long. 96°38'13"W.; to lat. 28°07'01"N., long. 96°58'01"W.; to lat. 28°30'01"N., long. 96°28'01"W.; to lat. 28°20'01"N., long. 96°20'01"W.; to lat. 28°08'01"N., long. 96°41'01"W.; to lat. 28°03'05"N., long. 96°31'40"W.; thence southwest along a line 12 NM from and parallel to the shoreline; to the point of beginning.
Altitudes. 3,000 feet AGL to but not including FL 180.
Times of use. 0700-midnight Monday-Saturday.
Using agency. U.S. Navy, Commanding Officer, NAS Corpus Christi, TX.

BOUNDARIES AND USING AGENCY CHANGED 10/10/96

A-633A Laughlin AFB, TX
Boundaries. Within the area encompassed by a 15 NM radius of lat. 29°22'01"N., long. 100°47'01"W., excluding the airspace in Mexico.
Altitudes. Surface to 7,000 feet MSL.
Times of use. Sunrise-sunset, Monday-Friday.
Using agency. Commander, Laughlin AFB, TX.

A-633B Laughlin AFB, TX
Boundaries. Within the area encompassed by a 7 NM radius of the Laughlin AFB Auxiliary Airfield (lat. 29°07'46"N., long. 100°28'20"W.).
Altitudes. Surface to 4,000 feet MSL.
Times of use. Sunrise-sunset, Monday-Friday; other times by NOTAM.
Using agency. USAF, Commander, Laughlin AFB, TX.

A-635 Randolph AFB, TX
Boundaries. Beginning at lat. 29°25'16"N., long. 98°08'31"W.; to lat. 29°35'01"N., long. 98°11'31"W.; to lat. 29°40'31"N., long. 98°19'16"W.; to lat. 29°38'16"N., long. 98°24'16"W.; to lat. 29°34'31"N., long. 98°22'16"W.; to lat. 29°30'16"N., long. 98°22'31"W.; to lat. 29°22'31"N., long. 98°14'16"W.; to the point of beginning, excluding the airspace within the San Antonio International Airport, TX, Class C; Randolph AFB, TX, Class D; and Randolph AFB, TX, Class E surface area airspace areas.
Altitudes. 1,500 feet MSL to 4,000 feet MSL.
Times of use. Sunrise to 3 hours after sunset, Monday-Friday.
Using agency. U.S. Air Force, 12th Flying Training Wing, Joint Base San Antonio-Randolph, TX.

BOUNDARIES, ALTITUDES, AND USING AGENCY CHANGED 02/01/18

A-636 Wichita Falls, TX
Boundaries. The airspace within a 13 NM radius of the Sheppard AFB/Wichita Falls Municipal Airport (lat. 33°59'06"N., long. 98°29'32"W.), excluding the airspace within the Wichita Falls, TX, Class D airspace area.
Altitudes. From the surface to and including 4,000 feet MSL.
Times of use. Monday-Friday, one hour before sunrise to one hour after sunset.
Using agency. Commander, Sheppard AFB, TX.

TIMES OF USE CHANGED 01/04/96

A-638 Seguin, TX
Boundaries. Beginning at lat. 29°37'17"N., long. 98°03'21"W.; to lat. 29°41'01"N., long. 97°55'01"W.; to lat. 29°31'01"N., long. 97°44'01"W.; to lat. 29°27'01"N., long. 97°48'01"W.; to lat. 29°27'01"N., long. 97°54'01"W.; to the point of beginning.
Altitudes. Surface to 3,500 feet MSL.
Times of use. Sunrise-sunset, Monday-Friday; by NOTAM, Saturday-Sunday.
Using agency. U.S. Air Force, 12th Flying Training Wing, Joint Base San Antonio-Randolph, TX.

BOUNDARIES, ALTITUDES, TIMES OF USE CHANGED 04/22/21

A-680 OLF Coupeville, WA
Boundaries. 3 NM radius of lat. 48°10'59"N., long. 122°38'05"W.
Altitudes. Surface to and including 3,000 feet MSL.
Times of use. Apr-Oct, 1000-0130 local time Monday-Friday; Nov-Mar, 1000-2359 local time Monday-Friday; other times by NOTAM.
Using agency. U.S. Navy, Commanding Officer, NAS Whidbey Island, Oak Harbor, WA.

TIMES OF USE CHANGED 09/16/93

A-682 Travis AFB, CA
Boundaries. Beginning at lat. 38°13'20"N., long. 122°11'24"W.; to lat. 38°31'15"N., long. 121°44'34"W.; to lat. 38°23'30"N., long. 121°42'04"W.; to lat. 38°19'20"N., long. 121°40'14"W.; to lat. 38°14'50"N., long. 121°44'14"W.; to lat. 38°07'30"N., long. 121°55'34"W.; to lat. 38°05'40"N., long. 122°08'44"W.; to lat. 38°09'30"N., long. 122°13'04"W.; thence counterclockwise along a 5-statute-mile arc centered upon lat. 38°12'47"N., long. 122°16'49"W., (Napa County Airport) to the point of beginning.
Altitudes. North of Travis AFB Runways 21L/03R extended centerlines surface to 6,000 feet MSL. South of Travis AFB Runways 21L/03R extended centerlines surface to 3,000 feet MSL.
Times of use. 0800-2100 Monday-Friday.
Using agency. Travis AFB, CA.

A-683 Wichita McConnell AFB, KS
Boundaries. Beginning at lat. 37°48'00"N., long. 97°08'01"W.; to lat. 37°32'00"N., long. 97°08'01"W.; to lat. 37°32'00"N., long. 97°17'01"W.; to lat. 37°48'00"N., long. 97°17'01"W.; to the point of beginning, excluding that airspace within the Wichita Dwight D. Eisenhower National Airport, KS, Class C; McConnell AFB, KS, Class D; Beech Factory Airport, KS, Class D; Beech Factory Airport, KS, Class E surface area; and Colonel James Jabara Airport, KS, Class E surface area airspace areas.
Altitudes. Surface to and including 4,500feet MSL.
Times of use. 0800-1900 Monday-Friday.
Using agency. U.S. Air Force, 22 Air Mobility Wing, McConnell AFB, KS/Textron Aviation, Wichita, KS.

BOUNDARIES AND USING AGENCY CHANGED 03/26/20

A-685 Dahlonega, GA
Boundaries. That airspace within a 12.5-nautical-mile radius of lat. 34°42'54"N., long. 84°07'04"W.
Altitudes. Surface to 700 feet AGL.
Times of use. Intermittent, Sunrise to sunset, daily.
Using agency. U.S. Army, 5th Ranger Training Battalion, Camp Merrill, Dahlonega, GA.

ADDED 12/25/03

Subpart D – Warning Areas

Definition.

A nonregulatory warning area is airspace of defined dimensions designated over international waters that contains activity which may be hazardous to nonparticipating aircraft. The purpose of such warning areas is to warn nonparticipating pilots of the potential danger.

Activities.

Activities that may be hazardous.

AMENDMENTS 12/27/88 54 FR 260 (Revised)

W-11A Northern Mariana Islands, GU
Boundaries. Beginning at lat. 12°50'00"N., long. 145°00'00"E.; to lat. 12°50'00"N., long 145°10'00"E.; to lat. 11°32'00"N., long. 146°50'20"E.; to lat. 11°32'00"N., long. 145°11'00"E.; to the point of beginning.
Altitudes. Surface to FL 300.
Times of use. By NOTAM.
Controlling agency. FAA, Guam CERAP.
Using agency. Commander, Naval Forces, Marianas Naval Station, Guam.

ADDED 06/22/17

W-11B Northern Marianas Islands, GU
Boundaries. Beginning at lat. 11°32'00"N., long. 146°50'20"E.; to lat. 11°25'00"N., long. 147°00'00"E.; to lat. 10°30'00"N., long. 147°00'00"E.; to lat. 10°30'00"N., long. 145°20'00"E.; to lat. 11°32'00"N., long. 145°11'00"E.; to the point of beginning.
Altitudes. Surface to FL 300.
Times of use. By NOTAM.
Controlling agency. FAA, Guam CERAP.
Using agency. Commander, Naval Forces, Marianas Naval Station, Guam.

ADDED 06/22/17

W-12 Northern Marianas Islands, GU
Boundaries. Beginning at lat. 11°00'00"N., long. 143°00'00"E.; to lat. 11°00'00"N., long. 144°45'00"E.; to lat. 10°30'00"N., long. 144°45'00"E.; to lat. 10°30'00"N., long. 143°00'00"E.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. By NOTAM.

Controlling agency. FAA, Guam CERAP.
Using agency. Commander, Naval Forces, Marianas Naval Station, Guam.

ADDED 06/22/17

W-13A Low Farallon De Medinilla Island, Mariana Islands
Boundaries. Beginning at lat. 17°00'00"N., long. 145°05'00"E.; to lat. 17°00'00"N., long. 146°27'40"E.; to lat. 15°25'00"N., long. 146°27'40"E.; to lat. 15°25'00"N., long. 146°25'00'E.; to lat. 15°40'22"N., long. 146°12'03"E.; to lat. 15°43'37"N., long. 145°27'46"E.; to the point of beginning.
Altitudes. Surface to FL 300.
Times of use. By NOTAM.
Controlling agency. FAA, Guam CERAP.
Using agency. Commander, Naval Forces, Marianas Naval Station, Guam.

ADDED 06/22/17

W-13B Low Farallon De Medinilla Island, Mariana Islands
Boundaries. Beginning at lat. 17°00'00"N., long. 146°27'40"E.; to lat. 17°00'00"N., long. 147°00'00"E.; to lat. 16°09'28"N., long. 148°09'46"E.; to lat. 15°25'00"N., long. 148°04'00"E.; to lat. 15°25'00"N., long. 147°00'00"E.; to lat. 15°25'00"N., long. 146°27'40"E.; to the point of beginning.
Altitudes. Surface to FL 300.
Times of use. By NOTAM.
Controlling agency. FAA, Guam CERAP.
Using agency. Commander, Naval Forces, Marianas Naval Station, Guam.

ADDED 06/22/17

W-13C Low Farallon De Medinilla Island, Mariana Islands
Boundaries. Beginning at lat. 15°25'00"N., long. 148°04'00"E.; to lat. 15°25'00"N., long. 146°25'00"E.; to lat. 14°16'00"N., long. 146°25'00"E.; to lat. 14°45'00"N., long. 148°00'00"E.; to the point of beginning.
Altitudes. Surface to FL 300.
Times of use. By NOTAM.
Controlling agency. FAA, Guam CERAP.
Using agency. Commander, Naval Forces, Marianas Naval Station, Guam.

ADDED 06/22/17

W-13A High Farallon De Medinilla Island, Mariana Islands
Boundaries. Beginning at lat. 17°00’00”N., long. 145°05’00”E.; to lat. 17°00’00”N., long. 146°27’40”E.; to lat. 15°25’00”N., long. 146°27’40”E.; to lat. 15°25’00”N., long. 146°25’00’E.; to lat. 15°40’22”N., long. 146°12’03”E.; to lat. 15°43’37”N., long. 145°27’46”E.; to the point of beginning.
Altitudes. FL 300 to FL 600.
Times of use. By NOTAM.
Controlling agency. FAA, Guam CERAP.
Using agency. Commander, Naval Forces, Marianas Naval Station, Guam.

ADDED 06/22/17

W-13B High Farallon De Medinilla Island, Mariana Islands
Boundaries. Beginning at lat. 17°00’00”N., long. 146°27’40”E.; to lat. 17°00’00”N., long. 147°00’00”E.; to lat. 16°09’28”N., long. 148°09’46”E.; to lat. 15°25’00”N., long. 148°04’00”E.; to lat. 15°25’00”N., long. 147°00’00”E.; to lat. 15°25’00”N., long. 146°27’40”E.; to the point of beginning.
Altitudes. FL 300 to FL 600.
Times of use. By NOTAM.
Controlling agency. FAA, Guam CERAP.
Using agency. Commander, Naval Forces, Marianas Naval Station, Guam.

ADDED 06/22/17

W-13C High Farallon De Medinilla Island, Mariana Islands
Boundaries. Beginning at lat. 15°25’00”N., long. 148°04’00”E.; to lat. 15°25’00”N., long. 146°25’00”E.; to lat. 14°16’00”N., long. 146°25’00”E.; to lat. 14°45’00”N., long. 148°00’00”E.; to the point of beginning.
Altitudes. FL 300 to FL 600.
Times of use. By NOTAM.
Controlling agency. FAA, Guam CERAP.
Using agency. Commander, Naval Forces, Marianas Naval Station, Guam.

ADDED 06/22/17

W-50A Dam Neck, VA
Boundaries. Beginning at lat. 36°5l'01"N., long. 75°54'29"W.; to lat. 36°51'06"N., long. 75°52'09"W.; thence via a 5.9 NM arc centered at lat. 36°46'49"N., long. 75°57'23"W.; to lat. 36°48'21"N., long. 75°50'17"W.; to lat. 36°48'38"N., long. 75°48'58"W.; to lat. 36°37'01"N., long. 75°48'58"W.; along a line 3 NM from and parallel to the shoreline; thence to the point of beginning.
Altitudes. Surface to FL 750.
Times of use. Intermittent by NOTAM.

Controlling agency. FAA, Washington ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Virginia Capes (FACSFAC VACAPES), Virginia Beach, VA.

USING AGENCY CHANGED 01/13/11

W-50B Dam Neck, VA
Boundaries. Beginning at lat. 36°48'38"N., long. 75°48'58"W.; to lat. 36°50'38"N., long. 75°39'34"W.; thence via a 14.8 NM arc centered at lat. 36°46'49"N., long. 75°57'23"W.; to lat. 36°39'50"N., long. 75°41'09"W.; to lat. 36°43'12"N., long. 75°48'58"W.; thence to the point of beginning.
Altitudes. Surface to FL 750.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Washington ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Virginia Capes (FACSFAC VACAPES), Virginia Beach, VA.

USING AGENCY CHANGED 01/13/11

W-50C Dam Neck, VA
Boundaries. Beginning at lat. 36°43'12"N., long. 75°48'58"W.; to lat. 36°39'50"N., long. 75°41'09"W.; thence via a 14.8 NM arc centered at lat. 36°46'49"N., long. 75°57'23"W.; to lat. 36°33'59"N., long. 75°48'12"W.; along a line 3 NM from and parallel to the shoreline; to lat. 36°37'01"N., long. 75°48'58"W.; thence to the point of beginning.
Altitudes. Surface to FL 750.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Washington ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Virginia Capes (FACSFAC VACAPES), Virginia Beach, VA.

USING AGENCY CHANGED 01/13/11

W-54A New Orleans, LA
Boundaries. Beginning at lat. 28°15'01"N., long. 90°30'00"W. to lat. 27°20'01"N., long. 91°05'00"W.; to lat. 27°00'01"N., long. 91°05'00"W.; to lat. 27°00'00"N., long. 91°17'00"W.; to lat. 27°16'00"N., long. 91°34'00"W.; to lat. 28°15'00"N., long. 90°42'42"W.; to the point of beginning.
Altitudes. Surface to FL 400.
Times of use. 0700-2400 daily; other times by NOTAM.
Controlling agency. FAA, Houston ARTCC.

Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility Jacksonville (FACSFACJAX), Jacksonville, FL.

USING AGENCY CHANGED 11/15/12

W-54B New Orleans, LA
Boundaries. Beginning at lat. 28°35'00"N., long. 90°13'00"W.; to lat. 28°15'01"N., long. 90°13'00"W.; to lat. 28°15'00"N., long. 90°42'42"W.; to lat. 28°35'00"N., long. 90°25'00"W.; to the point of beginning.
Altitudes. Surface to but not including FL 240.
Times of use. 0700-2400 daily; other times by NOTAM.
Controlling agency. FAA, Houston ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility Jacksonville (FACSFACJAX), Jacksonville, FL.

USING AGENCY CHANGED 11/15/12

W-54C New Orleans, LA
Boundaries. Beginning at lat. 28°35'00"N., long. 90°13'00"W.; to lat. 28°15'01"N., long. 90°13'00"W.; to lat. 28°15'00"N., long. 90°42'42"W.; to lat. 28°35'00"N., long. 90°25'00"W.; to the point of beginning.
Altitudes. FL 240 to FL 400.
Times of use. 0700-2400 daily; other times by NOTAM.
Controlling agency. FAA, Houston ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility Jacksonville (FACSFACJAX), Jacksonville, FL.

USING AGENCY CHANGED 11/15/12

W-59A Gulf of Mexico, Southwest of New Orleans, LA
Boundaries. Beginning at lat. 28°59'42"N., long. 91°17'28"W.; to lat. 28°05'19"N., long. 92°19'38"W.; to lat. 27°38'00"N., long. 91°55'00"W.; to lat. 28°45'00"N., long. 90°51'00"W.; to the point of beginning.
Altitude. 5,000 feet MSL to FL 500.
Time of use. 0900-2100 Monday-Sunday; other times by NOTAM.
Controlling agency. FAA Houston ARTCC.
Using agency. 159th Fighter Group, NAS Calendar, New Orleans, LA.

ADDED 06/20/96

W-59B Gulf of Mexico, Southwest of New Orleans, LA
Boundaries. Beginning at lat. 29°07'00"N., long. 91°09'00"W.; to lat. 28°05'19"N., long. 92°19'38"W.; to lat. 28°57'00"N., long. 93°07'00"W.; to lat. 29°07'00"N., long. 93°07'00"W.; to the point of beginning.
Altitude. 5,000 feet MSL up to, but not including, FL 280.
Time of use. 0900-2100 Monday-Sunday; other times by NOTAM.
Controlling agency. FAA Houston ARTCC.
Using agency. 159th Fighter Group, NAS Calendar, New Orleans, LA.

ADDED 06/20/96

W-59C Gulf of Mexico, Southwest of New Orleans, LA
Boundaries. Beginning at lat. 29°07'00"N., long. 091°09'00"W.; to lat. 28°05'19"N., long. 092°19'38"W.; to lat. 28°57'00"N., long. 093°07'00"W.; to lat. 29°07'00"N., long. 093°07'00"W.; to the point of beginning.
Altitude. FL 280 to FL 500.
Time of use. By NOTAM.
Controlling agency. FAA Houston ARTCC.
Using agency. 159th Fighter Group, NAS Calendar, New Orleans, LA.

ADDED 06/20/96

W-72A North Carolina, NC
Boundaries. Beginning at lat. 36°49'01"N., long. 75°53'59"W.; to lat. 36°49'01"N., long. 75°31'59"W.; to lat. 36°46'58"N., long. 74°29'59"W.; to lat. 35°10'36"N., long. 74°29'59"W.; to lat. 35°57'01"N., long. 75°32'59"W.; thence 3 NM from and parallel to the shoreline to the point of beginning.
Altitudes. E of long. 75°30'00"W., surface to unlimited; W of long. 75°30'00"W., surface to but not including 2,000 feet MSL and above FL 600 to unlimited.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Washington ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Virginia Capes (FACSFAC VACAPES), Virginia Beach, VA.

USING AGENCY CHANGED 01/13/11

W-72B North Carolina, NC
Boundaries. Beginning at lat. 36°46'58"N., long. 74°29'59"W.; to lat. 36°42'09"N., long. 72°39'58"W.; to lat. 35°05'35"N., long. 72°40'00"W.; to lat. 34°29'17"N., long. 73°34'23"W.; to lat. 34°33'10"N., long. 73°40'50"W.; to lat. 35°10'36"N., long. 74°29'59"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent by NOTAM.

Controlling agency. FAA, Washington ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Virginia Capes (FACSFAC VACAPES), Virginia Beach, VA.

USING AGENCY CHANGED 01/13/11

W-74 Beaufort, SC
Boundaries. Beginning at lat. 32°29’27”N., long. 80°10’36”W.; to lat. 32°05’13”N., long. 80°25’45”W.; to lat. 32°09’47”N., long. 80°35’16”W. thence northeast 3 NM from and parallel to the shoreline to the point of beginning.
Altitudes. Surface to 10,000 feet MSL, excluding that airspace 3,000 feet MSL and below within a 7.5-NM arc centered at lat. 32°13’01”N., long. 80°41’59”W.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. Marine Corps Air Station Beaufort, Beaufort, SC.

BOUNDARIES, ALTITUDES, AND TIMES OF USE CHANGED 06/25/15

W-92 New Orleans, LA
Boundaries. Beginning at lat. 28°15'01"N., long. 90°13'00"W.; to lat. 27°00'01"N., long. 90°13'00"W.; to lat. 27°00'01"N., long. 91°05'00"W.; to lat. 27°20'01"N., long. 91°05'00"W.; to lat. 28°15'01"N., long. 90°30'00"W.; to the point of beginning.
Altitudes. Surface to FL 400.
Times of use. 0700-2400, daily.
Controlling agency. FAA, Houston ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility Jacksonville (FACSFACJAX), Jacksonville, FL.

USING AGENCY CHANGED 11/15/12

W-93 North Bend North, OR
Boundaries. Beginning at lat. 43°14’49”N., long. 126°10’50”W.; to lat. 43°51’59”N., long. 125°07’05”W.; to lat. 44°12’51”N., long. 124°23’50”W.; thence south 12 nautical miles from and parallel to the U.S. shoreline to lat. 42°10’00”N., long. 124°40’15”W.; to lat. 42°10’00”N., long. 125°20’12”W.; to lat. 42°15’29”N., long. 125°25’22”W.; thence to the point of beginning.
Altitudes. Surface to FL 500.
Times of use. 0800-1600 daily, other times by NOTAM, 2 hours and 30 minutes in advance.
Controlling agency. FAA, Seattle ARTCC.
Using agency. Western Air Defense Sector, Joint Base Lewis-McChord, WA.

BOUNDARIES CHANGED 12/07/17

W-93 North Bend South, OR
Boundaries. Beginning at lat. 42°10’00”N., long. 125°20’12”W.; to lat. 42°10’00”N., long. 124°40’15”W.; thence south 12 nautical miles from and parallel to the U.S. shoreline to lat. 41°25’00”N., long. 124°25’26”W.; to lat. 41°25’00”N., long. 124°37’10”W.; thence to the point of beginning.
Altitudes. Surface to FL 500.
Times of use. 0800-1600 daily, other times by NOTAM.
Controlling agency. FAA, Seattle ARTCC.
Using agency. ANG, 173rd Tactical Fighter Wing, Kingsley Field, Klamath Falls.

BOUNDARIES CHANGED 12/07/17

W-102H High Machias, ME
Boundaries. Beginning at lat. 43°41'00"N., long. 69°29'58"W.; to lat. 43°50'00"N., long. 68°52'58"W.; to lat. 44°21'00"N., long. 66°59'58"W.; to lat. 43°48'00"N., long. 66°59'58"W.; to lat. 43°23'00"N., long. 68°43'58"W.; to lat. 43°05'00"N., long. 69°29'58"W.; to the point of beginning.
Altitudes. From above 17,000 feet MSL to FL 600.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Boston ARTCC.
Using agency. USAF, Eastern Air Defense Sector, Rome, NY.

USING AGENCY CHANGED 02/11/10

W-102L Low Machias, ME
Boundaries. Beginning at lat. 43°41'00"N., long. 69°29'58"W.; to lat. 43°50'00"N., long. 68°52'58"W.; to lat. 44°21'00"N., long. 66°59'58"W.; to lat. 43°48'00"N., long. 66°59'58"W.; to lat. 43°23'00"N., long. 68°43'58"W.; to lat. 43°05'00"N., long. 69°29'58"W.; to the point of beginning.
Altitudes. Surface to and including 17,000 feet MSL.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Boston ARTCC.
Using agency. USAF, Eastern Air Defense Sector, Rome, NY.

USING AGENCY CHANGED 02/11/10

W-103 Casco Bay, ME
Boundaries. Beginning at lat. 43°24'02"N., long. 70°15'38"W.; to lat. 43°30'00"N., long. 70°05'58"W.; to lat. 43°41'00"N., long. 69°29'58"W.; to lat. 43°05'00"N., long. 69°29'58"W.; to lat. 42°43'15"N., long. 70°24'58"W.; to lat. 43°11'13"N., long. 70°24'58"W.; to the point of beginning.
Altitudes. Surface to and including 2,000 feet MSL.

Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Boston ARTCC.
Using agency. USAF, Eastern Air Defense Sector, Rome, NY.

USING AGENCY CHANGED 02/11/10

W-104A Boston, MA
Boundaries. Beginning at lat. 42°34'00"N., long. 70°03'58"W.; to lat. 42°41'00"N., long. 69°33'58"W.; to lat. 42°22'00"N., long. 69°29'58"W.; to lat. 42°25'00"N., long. 69°46'58"W.; to lat. 42°25'00"N., long. 70°03'58"W.; to the point of beginning.
Altitudes. Surface to 10,000 feet MSL.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Boston, ARTCC.
Using agency. USAF, Eastern Air Defense Sector, Rome, NY.

USING AGENCY CHANGED 02/11/10

W-104B Boston, MA
Boundaries. Beginning at lat. 42°41'00"N., long. 69°33'58"W.; to lat. 42°56'00"N., long. 68°29'58"W.; thence counterclockwise along the arc of a circle 13.5 statute miles in radius centered at lat. 43°07'00"N., long. 68°33'58"W.; to lat. 42°57'00"N., long. 68°26'58"W.; to lat. 43°18'00"N., long. 67°29'58"W.; to lat. 43°15'00"N., long. 67°29'58"W.; to lat. 42°47'00"N., long. 68°19'58"W.; thence counterclockwise along the arc of a circle 15 statute miles in radius centered at lat. 42°36'00"N., long. 68°09'58"W.; to lat. 42°44'00"N., long. 68°23'58"W.; to lat. 42°19'00"N., long. 68°56'58"W.; to lat. 42°22'00"N., long. 69°29'58"W.; to the point of beginning.
Altitudes. Surface to but not including FL 180.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Boston ARTCC.
Using agency. USAF, Eastern Air Defense Sector, Rome, NY.

USING AGENCY CHANGED 02/11/10

W-104C Boston, MA
Boundaries. Beginning at lat. 42°41'00"N., long. 69°33'58"W.; to lat. 42°56'00"N., long. 68°29'58"W.; thence counterclockwise along the arc of a circle 13.5 statute miles in radius centered at lat. 43°07'00"N., long. 68°33'58"W.; to lat. 42°57'00"N., long. 68°26'58"W.; to lat. 43°18'00"N., long. 67°29'58"W.; to lat. 43°15'00"N., long. 67°29'58"W.; to lat. 42°47'00"N., long. 68°19'58"W.; thence counterclockwise along the arc of a circle 15 statute miles in radius centered at lat. 42°36'00"N., long. 68°09'58"W.; to lat. 42°44'00"N., long. 68°23'58"W.; to lat. 42°19'00"N., long. 68°56'58"W.; to lat. 42°22'00"N., long. 69°29'58"W.; to the point of beginning.
Altitudes. FL 180 to unlimited.

Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Boston ARTCC.
Using agency. USAF, Eastern Air Defense Sector, Rome, NY.

USING AGENCY CHANGED 02/11/10

W-105A Narragansett, RI
Boundaries. Beginning at lat. 40°11'55"N., long. 72°46'53"W.; to lat. 40°34'00"N., long. 72°19'58"W.; to lat. 40°38'00"N., long. 71°59'58"W.; to lat. 40°44'00"N., long. 71°59'58"W.; to lat. 41°06'52"N., long. 70°22'51"W.; to lat. 41°05'26"N., long. 70°19'47"W.; to lat. 41°04'35"N., long. 70°16'00"W.; to lat. 41°03'43"N., long. 70°14'10"W.; to lat. 41°03'21"N., long. 70°13'01"W.; to lat. 41°02'32"N., long. 70°09'24"W.; to lat. 41°02'29"N., long. 70°05'12"W.; to lat. 41°02'34"N., long. 70°01'26"W.; to lat. 41°02'38"N., long. 70°00'15"W.; to lat. 41°02'30"N., long. 70°00'00"W.; to lat. 40°39'50"N., long. 69°23'28"W.; to lat. 40°26'46"N., long. 69°06'23"W.; to lat. 39°58'00"N., long. 68°29'50"W.; to lat. 39°38'42"N., long. 71°33'46"W.; to the point of beginning.
Altitudes. Surface to FL 500.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Boston ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Virginia Capes (FACSFAC VACAPES), Virginia Beach, VA.

USING AGENCY CHANGED 01/13/11

W-105B Narragansett, RI
Boundaries. Beginning at lat. 40°04'20"N., long. 72°29'58"W.; to lat. 39°38'42"N., long. 71°33'46"W.; to lat. 39°40'45"N., long. 71°14'58"W.; to lat. 39°10'24"N., long. 71°49'10"W.; to lat. 39°41'33"N., long. 72°29'58"W.; to the point of beginning.
Altitudes. Surface to FL 180.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Boston ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Virginia Capes (FACSFAC VACAPES), Virginia Beach, VA.

USING AGENCY CHANGED 01/13/11

W-106A Patchogue, NY
Boundaries. Beginning at lat. 40°13'00"N., long. 73°14'58"W.; to lat. 40°24'00"N., long. 73°14'58"W.; to lat. 40°26'00"N., long. 73°13'00"W.; thence 12 NM from and parallel to the shoreline to lat. 40°36'00"N., long. 72°36'00"W.; to lat. 40°15'20"N., long. 73°01'28"W.; to lat. 40°11'35"N., long. 73°05'33"W.; to lat. 40°04'43"N., long. 72°55'03"W.; to lat. 39°59'40"N., long. 73°00'28"W.; to lat. 40°08'00"N., long. 73°09'28"W.; to the point of beginning.
Altitudes. Surface to 3,000 feet MSL.

Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Boston ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Virginia Capes (FACSFAC VACAPES), Virginia Beach, VA

USING AGENCY CHANGED 01/13/11

W-106B Patchogue, NY
Boundaries. Beginning at lat. 40°11'35"N., long. 73°05'33"W.; to lat. 40°15'20"N., long. 73°01'28"W.; to lat. 40°36'00"N., long. 72°36'00"W.; thence 12 NM from and parallel to the shoreline to lat. 40°41'00"N., long. 72°17'00"W.; to lat. 40°41'30"N., long. 72°10'28"W.; to lat. 40°42'00"N., long. 72°06'58"W.; to lat. 40°44'00"N., long. 71°59'58"W.; to lat. 40°38'00"N., long. 71°59'58"W.; to lat. 40°34'00"N., long. 72°19'58"W.; to lat. 40°26'00"N., long. 72°29'58"W.; to lat. 40°08'30"N., long. 72°50'58"W.; to lat. 40°04'43"N., long. 72°55'03"W.; to the point of beginning.
Altitudes. Surface to 8,000 feet MSL.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Boston ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Virginia Capes (FACSFAC VACAPES), Virginia Beach, VA.

USING AGENCY CHANGED 01/13/11

W-106C Patchogue, NY
Boundaries. Beginning at lat. 40°04'43"N., long. 72°55'03"W.; to lat. 40°08'30"N., long. 72°50'58"W.; to lat. 40°11'55"N., long. 72°46'53"W.; to lat. 40°04'20"N., long. 72°29'58"W.; to lat. 39°48'06"N., long. 72°29'58"W.; to the point of beginning.
Altitudes. Surface to 10,000 feet MSL.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Boston ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Virginia Capes (FACSFAC VACAPES), Virginia Beach, VA.

USING AGENCY CHANGED 01/13/11

W-106D Patchogue, NY
Boundaries. Beginning at lat. 39°59'40"N., long. 73°00'28"W.; to lat. 40°04'43"N., long. 72°55'03"W.; to lat. 39°48'06"N., long. 72°29'58"W.; to lat. 39°34'00"N., long. 72°29'58"W.; to lat. 39°44'00"N., long. 72°43'58"W.; to the point of beginning.
Altitudes. Surface to but not including 6,000 feet MSL.
Times of use. Intermittent by NOTAM.
Controlling agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Virginia Capes (FACSFAC VACAPES), Virginia Beach, VA.

Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Virginia Capes (FACSFAC VACAPES), Virginia Beach, VA.

CONTROLLING AGENCY AND USING AGENCY CHANGED 01/13/11

W-107A Atlantic City, NJ
Boundaries. Beginning at lat. 38°58'00"N., long. 74°19'59"W.; to lat. 39°24'55"N., long. 73°45'47"W.; to lat. 39°44'00"N., long. 73°27'49"W.; to lat. 39°44'00"N., long. 72°53'01"W.; to lat. 39°05'48"N., long. 72°16'12"W.; to lat. 38°17'00"N., long. 72°50'02"W.; to lat. 38°33'00"N., long. 73°28'15"W.; to lat. 38°34'00"N., long. 73°30'58"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Washington ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Virginia Capes (FACSFAC VACAPES), Virginia Beach, VA.

USING AGENCY CHANGED 01/13/11

W-107B Atlantic City, NJ
Boundaries. Beginning at lat. 39°34'30"N., long. 73°56'00"W.; thence 12 NM from and parallel to the shoreline to lat. 40°00'00"N., long. 73°48'00"W.; to lat. 40°00'00"N., long. 73°36'58"W.; to lat. 39°52'00"N., long. 73°28'58"W.; to lat. 39°44'00"N., long. 73°40'58"W.; to the point of beginning.
Altitudes. Surface to but not including 2,000 feet MSL.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, New York ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Virginia Capes (FACSFAC VACAPES), Virginia Beach, VA.

USING AGENCY CHANGED 01/13/11

W-107C Atlantic City, NJ
Boundaries. Beginning at lat. 39°03'30"N., long. 74°28'00"W.; thence 12 NM from and parallel to the shoreline to lat. 39°34'30"N., long. 73°56'00"W.; to lat. 39°44'00"N., long. 73°40'58"W.; to lat. 39°44'00"N., long. 73°27'49"W.; to lat. 39°24'55"N., long. 73°45'47"W.; to lat. 38°58'00"N., long. 74°19'59"W.; to the point of beginning.
Altitudes. Surface to but not including FL 180.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Washington ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Virginia Capes (FACSFAC VACAPES), Virginia Beach, VA.

USING AGENCY CHANGED 01/13/11

W-110 Elizabeth City, NC
Boundaries. Beginning at lat. 35°43’25”N., long. 75°14’15”W.; to lat. 34°33’10”N., long. 73°40’50”W.; to lat. 34°29’17”N., long. 73°34’23”W.; to lat. 34°14’01”N., long. 73°56’58”W.; to lat. 35°21’30”N., long. 75°14’50”W.; than 12 NM from and parallel to the shoreline to the point of beginning.
Altitudes. Surface to FL 230 inclusive.
Times of use. Intermittent by NOTAM.
Controlling agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Virginia Capes (FACSFAC VACAPES), Virginia Beach, VA.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Virginia Capes (FACSFAC VACAPES), Virginia Beach, VA.

CONTROLLING AGENCY AND USING AGENCY CHANGED 01/13/11

W-122 Cherry Point, NC
Boundaries. Beginning at lat. 35°30’01”N., long. 75°24’59”W.; to lat. 34°14’01”N., long. 73°56’58”W.; to lat. 32°12’01”N., long. 76°48’59”W.; to lat. 32°20’01”N., long. 77°19’59”W.; to lat. 33°00’01”N., long. 77°28’59”W.; to lat. 33°10’01”N., long. 77°30’59”W.; to lat. 34°23’31”N., long. 77°29’59”W.; thence northeastward 3 NM from and parallel to the shoreline to the point of beginning.
Altitudes. Surface to unlimited; excluding that airspace FL 240 and above in the following area**:** Beginning at lat. 34°23’31”N., long. 77°29’59”W.; thence northeastward 3 NM from and parallel to the shoreline: to lat. 34°28’55”N., long. 77°18’56”W.; to lat. 33°32’41”N., long. 77°30’41”W.; to the point of beginning.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Washington ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Virginia Capes (FACSFAC VACAPES), Virginia Beach, VA.

USING AGENCY CHANGED 01/13/11

W-135 Mayport, FL
Boundaries. Beginning at lat. 30°36’00”N., long. 81°19’27”W.;to lat. 30°36’00”N., long. 80°57’39”W.;to lat. 30°34’53”N., long. 80°57’48”W.;to lat. 30°19’00”N., long. 80°59’47”W.; to lat. 30°03’21”N., long. 81°01’44”W.;to lat. 30°14’43”N., long. 81°14’23”W.;to lat. 30°19’27”N., long. 81°18’19”W.; thence counterclockwise via a 7.4 nautical mile radius arc of lat. 30°23’29”N., long. 81°25’28”W. (NAS Mayport) to lat. 30°29’46”N., long. 81°20’56”W.; to lat. 30°31’57”N., long. 81°21’18”W.; to the point of beginning.
Altitudes. Surface to 1,200 feet MSL.
Time of use. Intermittent by NOTAM.
Controlling agency. FAA, Jacksonville TRACON.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville, FL.

ADDED 01/08/15

W-136B Brunswick, GA
Boundaries. Beginning at lat. 32°00’00”N., long. 80°29’00”W.; to lat. 31°24’00”N., long. 80°41’09”W.; to lat. 31°24’00”N., long. 80°50’23”W.; to lat. 31°37’00”N., long. 80°41’00”W.; to the point of beginning.
Altitudes. Surface to unlimited.
Time of use. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville, FL.

ADDED 01/08/15

W-136C Brunswick, GA
Boundaries. Beginning at lat. 31°24’00”N., long. 80°50’23”W.; to lat. 31°24’00”N., long. 80°41’09”W.; to lat. 30°45’00”N., long. 80°56’55”W.; to lat. 31°12’00”N., long. 80°59’00”W.; to the point of beginning.
Altitudes. Surface to unlimited.
Time of use. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville, FL.

ADDED 01/08/15

W-136E Mayport, FL
Boundaries. Beginning at lat. 30°19’00”N., long. 80°59’47”W.; to lat. 30°19’00”N., long. 80°54’52”W.; to lat. 29°36’38”N., long. 80°45’42”W.; to lat. 29°51’15”N., long. 81°02’02”W.; to lat. 30°03’21”N., long. 81°01’44”W.; to the point of beginning.
Altitudes. Surface to unlimited.
Time of use. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville, FL.

ADDED 01/08/15

W-136F Daytona Beach, FL
Boundaries. Beginning at lat. 29°51’15”N., long. 81°02’02"W.; to lat. 29°36’38”N., long. 80°45’42"W.; to lat. 29°03’16”N., long. 80°38’35”W.; thence northwest along a line parallel with and 12 NM from the shoreline to the point of beginning.
Altitudes. Surface to unlimited.
Time of use. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville, FL.

ADDED 01/08/15

W-137A Charleston, SC
Boundaries. Beginning at lat. 32°42’10”N., long. 79°45’27”W.; to lat. 32°37’31”N., long. 79°33’24”W.; to lat. 32°00’00”N., long. 80°05’44”W.; to lat. 32°00’00”N., long. 80°29’00”W.; to lat. 32°29’27”N., long. 80°10’36”W.; thence northeast along a line parallel with and 3 NM from the shoreline to the point of beginning.
Altitudes. Surface to unlimited.
Time of use. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville, FL.

ADDED 01/08/15

W-137B Savannah, GA
Boundaries. Beginning at lat. 32°00’00”N., long. 80°29’00”W.; to lat. 32°00’00”N., long. 80°05’44”W.; to lat. 31°24’00”N., long. 80°30’00”W.; to lat. 31°24’00”N., long. 80°41’09”W.; to the point of beginning.
Altitudes. Surface to unlimited.
Time of use. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville, FL.

ADDED 01/08/15

W-137C Brunswick, GA
Boundaries. Beginning at lat. 31°24’00”N., long. 80°41’09”W.; to lat. 31°24’00”N., long. 80°30’00”W.; to lat. 30°45’00”N., long. 80°30’00”W.; to lat. 30°45’00”N., long. 80°56’55”W.; to the point of beginning.
Altitudes. Surface to unlimited.
Time of use. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville, FL.

ADDED 01/08/15

W-137D Mayport, FL
Boundaries. Beginning at lat. 30°34’53”N., long. 80°57’48”W.;to lat. 30°34’53”N., long. 80°30’00”W.; to lat. 30°19’00”N., long. 80°30’00”W.;to lat. 30°19’00”N., long. 80°54’52”W.; to lat. 30°19’00”N., long. 80°59’47”W.; to the point of beginning.
Altitudes. Surface to unlimited.

Time of use. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville, FL.

ADDED 01/08/15

W-137E Jacksonville, FL
Boundaries. Beginning at lat. 30°19’00”N., long. 80°54’52”W.; to lat. 30°19’00”N., long. 80°30’00”W.; to lat. 29°22’28”N., long. 80°30’00”W.; to lat. 29°36’38”N., long. 80°45’42”W.; to the point of beginning.
Altitudes. Surface to unlimited.
Time of use. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville, FL.

ADDED 01/08/15

W-137F Daytona Beach, FL
Boundaries. Beginning at lat. 29°36’38”N., long. 80°45’42”W.; to lat. 29°22’28”N., long. 80°30’00”W.; to lat. 29°01’30”N., long. 80°06’56”W.; to lat. 28°53’00”N., long. 80°31’25”W.; to lat. 29°03’16”N., long. 80°38’35”W.; to the point of beginning.
Altitudes. Surface to unlimited.
Time of use. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville, FL.

ADDED 01/08/15

W-137G Daytona Beach, FL
Boundaries. Beginning at lat. 28°53’00”N., long. 80°31’25”W.; to lat. 29°01’30”N., long. 80°06’56”W.; to lat. 28°52’39”N., long. 79°57’17”W.; to lat. 28°50’00”N., long.80°06’15”W.;to lat. 28°50’00”N., long. 80°29’00”W.;to the point of beginning.
Altitudes. Surface to 13,000 feet MSL.
Time of use. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville, FL.

ADDED 01/08/15

W-137L Mayport, FL
Boundaries. Beginning at lat. 30°45’00"N., long. 80°56’55”W.; to lat. 30°45’00”N., long. 80°30’00”W.; to lat. 30°34’53”N., long. 80°30’00”W.; to lat. 30°34’53”N., long. 80°57’48”W.;

to lat. 30°36’00”N., long. 80°57’39”W.; to the point of beginning.
Altitudes. Surface to unlimited.
Time of use. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville, FL.

ADDED 01/08/15

W-138A Charleston, SC
Boundaries. Beginning at lat. 32°37’31”N., long. 79°33’24”W.; to lat. 32°34’31”N., long. 79°21’59”W.; to lat. 32°30’25”N., long. 79°08’52”W.; to lat. 32°00’00”N., long. 79°17’38”W.; to lat. 32°00’00”N., long. 80°05’44”W.; to the point of beginning.
Altitudes. Surface to unlimited.
Time of use. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville, FL.

ADDED 01/08/15

W-138B Savannah, GA
Boundaries. Beginning at lat. 32°00’00”N., long. 80°05’44”W.; to lat. 32°00’00”N., long. 79°17’38”W.; to lat. 31°24’00”N., long. 79°27’51”W.; to lat. 31°24’00”N., long. 80°30’00”W.; to the point of beginning.
Altitudes. Surface to unlimited.
Time of use. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville, FL.

ADDED 01/08/15

W-138C Brunswick, GA
Boundaries. Beginning at lat. 31°24’00”N., long. 80°30’00”W.; to lat. 31°24’00”N., long. 79°27’51”W.; to lat. 30°45’00”N., long. 79°38’46”W.;to lat. 30°45’00”N., long. 80°30’00”W.; to the point of beginning.
Altitudes. Surface to unlimited.
Time of use. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville, FL.

ADDED 01/08/15

W-138D Mayport, FL
Boundaries. Beginning at lat. 30°34’53”N., long. 80°30’00”W.; to lat. 30°34’53”N., long. 79°41’34”W.; to lat. 30°19’00”N., long. 79°45’57”W.; to lat. 30°19’00”N., long. 80°30’00”W.; to the point of beginning.
Altitudes. Surface to unlimited.
Time of Use. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville, FL.

ADDED 01/08/15

W-138E Jacksonville, FL
Boundaries. Beginning at lat. 30°19’00”N., long. 80°30’00”W.; to lat. 30°19’00”N., long. 79°45’57”W.; to lat. 29°01’30”N., long. 80°06’56”W.; to lat. 29°22’28”N., long. 80°30’00”W.; to the point of beginning.
Altitudes. Surface to unlimited.
Time of Use. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville, FL.

ADDED 01/08/15

W-138L Mayport, FL
Boundaries. Beginning at lat. 30°45’00”N., long. 80°30’00”W.; to lat. 30°45’00”N., long. 79°38’46”W.; to lat. 30°34’53”N., long. 79°41’34”W.; to lat. 30°34’53”N., long. 80°30’00”W.; to the point of beginning.
Altitudes. Surface to unlimited.
Time of use. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville, FL.

CORRECTED 09/10/20

W-139A Charleston, SC
Boundaries. Beginning at lat. 32°30’25”N., long. 79°08’52”W.; to lat. 32°20’01”N., long. 78°35’59”W.; to lat. 32°00’00”N., long. 78°42’29”W.; to lat. 32°00’00”N., long. 79°17’38”W.; to the point of beginning.
Altitudes. Surface to unlimited.
Time of use. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville, FL.

ADDED 01/08/15

W-139B Savannah, GA
Boundaries. Beginning at lat. 32°00'00"N., long. 79°17'38"W.; to lat. 32°00'00"N., long. 78°42'29"W.; to lat. 31°24'00"N., long. 78°54'09"W.; to lat. 31°24'00"N., long. 79°27'51"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Time of use. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville, FL.

ADDED 01/08/15

W-139C Brunswick, GA
Boundaries. Beginning at lat. 31°24'00"N., long. 79°27'51"W.; to lat. 31°24'00"N., long. 78°54'09"W.; to lat. 30°34'53"N., long. 79°09'48"W.; to lat. 30°34'53"N., long. 79°41'34"W.; to lat. 30°45'00"N., long. 79°38'46"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Time of use. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville, FL.

ADDED 01/08/15

W-139D Mayport, FL
Boundaries. Beginning at lat. 30°34'53"N., long. 79°41'34"W.; to lat. 30°34'53"N., long. 79°09'48"W.; to lat. 30°19'00"N., long. 79°14'48"W.; to lat. 30°19'00"N., long. 79°45'57"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Time of use. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville, FL.

ADDED 01/08/15

W-139E Jacksonville, FL
Boundaries. Beginning at lat. 30°19'00"N., long. 79°45'57"W.; to lat. 30°19'00"N., long. 79°14'48"W.; to lat. 29°12'23"N., long. 79°37'26"W.; to lat. 29°01'30"N., long. 80°06'56"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Time of use. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville, FL.

ADDED 01/08/15

W-139F Daytona Beach, FL
Boundaries. Beginning at lat. 29°01'30"N., long. 80°06'56"W.; to lat. 29°12'23"N., long. 79°37'26"W.; to lat. 28°56'57"N., long. 79°42'40"W.; to lat. 28°52'39"N., long. 79°57'17"W.; to the point of beginning.
Altitudes. Surface to 13,000 feet MSL.
Time of use. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville, FL.

ADDED 01/08/15

W-140A Charleston, SC
Boundaries. Beginning at lat. 32°20'01"N., long. 78°35'59"W.; to lat. 32°12'31"N., long. 78°12'59"W.; to lat. 32°00'00"N., long. 78°14'29"W.; to lat. 32°00'00"N., long. 78°42'29"W.; to the point of beginning.
Altitudes. Surface to FL 240.
Time of use. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville, FL.

ADDED 01/08/15

W-140B Savannah, GA
Boundaries. Beginning at lat. 32°00'00"N., long. 78°42'29"W.; to lat. 32°00'00"N., long. 78°14'29"W.; to lat. 31°24'00"N., long. 78°20'55"W.; to lat. 31°24'00"N., long. 78°54'09"W.; to the point of beginning.
Altitudes. Surface to FL 240.
Time of use. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville, FL.

ADDED 01/08/15

W-140C Brunswick, GA
Boundaries. Beginning at lat. 31°24'00"N., long. 78°54'09"W.; to lat. 31°24'00"N., long. 78°20'55"W.; to lat. 30°34'53"N., long. 78°29'34"W.; to lat. 30°34'53"N., long. 79°09'48"W.; to the point of beginning.
Altitudes. Surface to FL 240.
Time of use. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville, FL.

ADDED 01/08/15

W-140D Mayport, FL
Boundaries. Beginning at lat. 30°34’53”N., long. 79°09’48”W.; to lat. 30°34’53”N., long. 78°29’34”W.; to lat. 30°19’00”N., long. 78°32’20”W.; to lat. 30°19’00”N., long. 79°14’48”W.; to the point of beginning.
Altitudes. Surface to FL 240.
Time of use. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville, FL.

ADDED 01/08/15

W-140E Jacksonville, FL
Boundaries. Beginning at lat. 30°19’00”N., long. 79°14’48”W.; to lat. 30°19’00”N., long. 78°32’20”W.; to lat. 29°33’04”N., long. 78°40’15”W.; to lat. 29°12’23”N., long. 79°37’26”W.; to the point of beginning.
Altitudes. Surface to FL 240.
Time of use. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville, FL.

ADDED 01/08/15

W-140F Daytona Beach, FL
Boundaries. Beginning at lat. 29°12’23”N., long. 79°37’26”W.; to lat. 29°33’04”N., long. 78°40’15”W.; to lat. 29°14’00”N., long. 78°43’30”W.; to lat. 29°00’40”N., long. 79°30’00”W.; to lat. 28°56’57”N., long. 79°42’40”W.; to the point of beginning.
Altitudes. Surface to 13,000 feet MSL.
Time of use. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville, FL.

ADDED 01/08/15

W-140H Mayport, FL
Boundaries. Beginning at lat. 32°00'00"N., long. 78°42'29"W.; to lat. 32°00'00"N., long. 78°14'29"W.; to lat. 31°24'00"N., long. 78°20'55"W.; to lat. 30°34'53"N., long. 78°29'34"W.; to lat. 30°19'00"N., long. 78°32'20"W.; to lat. 29°33'04"N., long. 78°40'15"W.; to lat. 29°14'00"N., long. 78°43'30"W.; to lat. 29°00'40"N., long. 79°30'00"W.; to lat. 28°56'57"N., long. 79°42'40"W.; to lat. 29°12'23"N., long. 79°37'26"W.; to lat. 30°19'00"N., long. 79°14'48"W.; to lat. 30°34'53"N., long. 79°09'48"W.; to lat. 31°24'00"N., long. 78°54'09"W.;thence to the point of beginning.
Altitudes. FL 430 to unlimited.

Times of use. Intermittent by NOTAM.
Controlling Agency. FAA, Jacksonville ARTCC.
Using Agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville, FL.

ADDED 01/08/15

W-141 Jacksonville, FL
Boundaries. Beginning at lat. 32°00’00”N., long. 78°14’29”W.; to lat. 32°00’00”N., long. 77°00’00”W.; to lat. 30°00’00”N., long. 77°00’00”W.; to lat. 30°00’00”N., long. 77°13’00”W.; to lat. 29°30’00”N., long. 78°18’00”W.; to lat. 29°20’00”N., long. 78°20’09”W.; to lat. 29°14’00”N., long. 78°43’30”W.; to lat. 29°33’04”N., long. 78°40’15”W.; to lat. 30°19’00”N., long. 78°32’20”W.; to lat. 30°34’53”N., long. 78°29’34”W.; to lat. 31°24’00”N., long. 78°20’55”W.; to the point of beginning.
Altitudes. Surface to 5,000 feet MSL.
Time of use. Continuous.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Jacksonville, FL.

ADDED 01/08/15

W-147A Gulf of Mexico, South of Houston, TX
Boundaries. Beginning at lat. 28°57'00"N., long. 93°07'00"W.; to lat. 27°38'00"N., long. 91°55'00"W.; to lat. 27°48'00"N., long. 93°37'00"W.; to lat. 28°25'00"N., long. 94°02'00"W.; to the point of beginning.
Altitude. 5,000 feet MSL up to, but not including, FL 230.
Times of use. 0800-2200, daily.
Controlling agency. FAA Houston ARTCC.
Using agency. 147th Fighter Group, Ellington Field, Houston, TX.

TIMES OF USE CHANGED 01/15/09

W-147B Gulf of Mexico, South of Houston, TX
Boundaries. Beginning at lat. 28°57'00"N., long. 93°07'00"W.; to lat. 27°38'00"N., long. 91°55'00"W.; to lat. 27°48'00"N., long. 93°37'00"W.; to lat. 28°25'00"N., long. 94°02'00"W.; to the point of beginning.
Altitude. FL 230 to FL 500.
Time of use. By NOTAM.
Controlling agency. FAA Houston ARTCC.
Using agency. 147th Fighter Group, Ellington Field, Houston, TX.

ADDED 06/20/96

W-147C Gulf of Mexico, South of Houston, TX
Boundaries. Beginning at lat. 28°33'00"N., long. 95°32'00"W.; to lat. 27°47'35"N., long. 95°52'44"W.; to lat. 28°01'01"N., long. 96°25'01"W.; to lat. 28°17'00"N., long. 96°07'00"W.; to the point of beginning.
Altitude. Surface to FL 500.
Times of use. 0800-2200, daily.
Controlling agency. FAA Houston ARTCC.
Using agency. National Aeronautics and Space Administration (NASA), Aircraft Operations Division, Ellington Field, TX.

TIMES OF USE CHANGED 01/15/09

W-147D Gulf of Mexico, South of Houston, TX
Boundaries. Beginning at lat. 28°52'00"N., long. 94°53'00"W.; to lat. 28°03'00"N., long. 94°20'00"W.; to lat. 27°24'48"N., long 94°32'59"W.; to lat. 26°57'39"N., long. 95°34'32"W.; to lat. 27°38'01"N., long. 95°30'01"W.; to lat. 27°47'35"N., long. 95°52'44"W.; to lat. 28°33'00"N., long. 95°32'00"W.; to the point of beginning.
Altitude. Surface to FL 500.
Times of use. 0800-2200, daily.
Controlling agency. FAA Houston ARTCC.
Using agency. 147th Fighter Group, Ellington Field, Houston, TX.

TIMES OF USE CHANGED 01/15/09

W-147E Gulf of Mexico, South of Houston, TX
Boundaries. Beginning at lat. 27°24'48"N., long.. 94°32'59"W.; to lat. 26°58'00"N., long.. 94°42'00"W.; to lat. 26°00'01"N., long.. 95°59'01"W.; to lat. 26°52'01"N., long.. 95°35'01"W.; to lat. 26°57'39"N., long.. 95°34'32"W.; to the point of beginning.
Altitude. FL 260 to FL 500.
Times of use. 0800-2200, daily.
Controlling agency. FAA Houston ARTCC.
Using agency. 147th Fighter Group, Ellington Field, Houston, TX.

TIMES OF USE CHANGED 01/15/09

W-148A Gulfport, MS
Boundaries. Beginning at lat. 29°36'11"N., long. 88°01'30"W. to lat. 28°51'21"N., long. 88°01'30"W. to lat. 29°00'57"N., long. 88°36'10"W. to lat. 29°08'46"N., long. 88°45'36"W. then 12 NM from and parallel to the shoreline to lat. 29°24'25"N., long. 88°54'05"W. then 12 NM from and parallel to the Chandeleur Islands to lat. 29°41'20"N., long. 88°38'33"W. to the point of beginning.
Altitudes. Surface to but not including 6,000 feet MSL.

Times of use. Intermittent, sunrise to sunset; other times by NOTAM.
Controlling agency. FAA, Houston ARTCC.
Using agency. Commander, Combat Readiness Training Center, Gulfport, MS.

ADDED 07/29/10

W-148B Gulfport, MS
Boundaries. Beginning at lat. 29°36'11"N., long. 88°01'30"W. to lat. 28°51'21"N., long. 88°01'30"W. to lat. 29°00'57"N., long. 88°36'10"W. to lat. 29°08'46"N., long. 88°45'36"W. then 12 NM from and parallel to the shoreline to lat. 29°24'25"N., long. 88°54'05"W. then 12 NM from and parallel to the Chandeleur Islands to lat. 29°41'20"N., long. 88°38'33"W. to the point of beginning.
Altitudes. 6,000 feet MSL to FL 600.
Times of use. Intermittent, sunrise to sunset; other times by NOTAM.
Controlling agency. FAA, Houston ARTCC.
Using agency. Commander, Combat Readiness Training Center, Gulfport, MS.

ADDED 07/29/10

W-151A Valparaiso, FL
Boundaries. Beginning at lat. 30°20’10”N., long. 86°48’00”W.; thence east 3 NM from and parallel to the shoreline to lat. 30°12’54”N., long. 86°00’00”W.; to lat. 29°11’01”N., long. 86°00’00”W.; to lat. 29°23’01”N., long. 86°48’00”W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. 0600-0130 daily; other times by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, Commander 96th Test Wing, Eglin AFB, FL.

BOUNDARIES CHANGED 09/13/18

W-151B Valparaiso, FL
Boundaries. Beginning at lat. 30°12'54"N.; long. 86°00'00"W.; thence east 3 NM from and parallel to the shoreline to lat. 29°32'46"N.; long. 85°00'00"W.; to lat. 28°55'01"N.; long. 85°00'00"W.; to lat. 29°11'01"N.; long. 86°00'00"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. 0600-0130 daily; other times by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, Commander 96th Test Wing, Eglin AFB, FL.

BOUNDARIES CHANGED 09/13/18

W-151C Valparaiso, FL
Boundaries. Beginning at lat. 29°23'01"N.; long. 86°48'00"W.; to lat. 29°11'01"N.; long. 86°00'00"W.; to lat. 28°30'41"N.; long. 86°00'00"W.; to lat. 28°41'01"N.; long. 86°48'00"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. 0600-0130 daily; other times by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, Commander 96th Test Wing, Eglin AFB, FL.

USING AGENCY CHANGED 05/02/13

W-151D Valparaiso, FL
Boundaries. Beginning at lat. 29°11'01"N.; long. 86°00'00"W.; to lat. 28°55'01"N.; long. 85°00'00"W.; to lat. 28°15'01"N.; long. 85°00'00"W.; to lat. 28°30'41"N.; long. 86°00'00"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. 0600-0130 daily; other times by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, Commander 96th Test Wing, Eglin AFB, FL.

USING AGENCY CHANGED 05/02/13

W-151E Valparaiso, FL
Boundaries. Beginning at lat. 28°41'01"N., long. 86°48'00"W.; to lat. 28°30'41"N., long. 86°00'00"W.; to lat. 28°16'10"N., long. 86°00'00"W.; to lat. 28°30'19"N., long. 86°48'00"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, Commander 96th Test Wing, Eglin AFB, FL.

USING AGENCY CHANGED 05/02/13

W-151F Valparaiso, FL
Boundaries. Beginning at lat. 28°30'41"N., long. 86°00'00"W.; to lat. 28°15'01"N., long. 85°00'00"W.;to lat. 28°02'23"N., long. 85°00'00"W.; to lat. 28°01'43"N., long. 85°12'13"W.; to lat. 28°16'10"N., long. 86°00'00"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, Commander 96th Test Wing, Eglin AFB, FL.

USING AGENCY CHANGED 05/02/13

W-155A Pensacola, FL
Boundaries. Beginning at the intersection of long. 88°01’30”W.; and a line 3 NM from and parallel to the shoreline; thence east along a line 3 NM from and parallel to the shoreline to lat. 30°11’21”N., long. 87°44’15”W.; to lat. 30°09’45”N., long. 87°45’48”W.; thence counterclockwise along a 26 nautical mile arc centered on NAS Pensacola TACAN at lat.30°21’29”N., long. 87°18’59”W.; to lat. 30°04’03”N., long. 87°41’18”W.; to lat. 30°02’53”N., long. 87°42’17”W.; thence counterclockwise along a 26 nautical mile arc centered at lat. 30°20’20”N., long. 87°20’00”W.; to lat. 29°54’35”N., long. 87°15’23”W.; to lat. 30°18’20”N,, long. 87°00’01”W.; thence east along a line 3 NM from and parallel to the shoreline to lat. 30°20’10”N., long.86°48’00”W.; thence south along long. 86°48’00”W.; to lat. 29°25’21”N., long. 86°48’00”W.; to lat. 29°36’01”N., long. 88°01’30”W.; thence north along long. 88°01’30”W.; to the point of beginning.
Altitudes. Surface to FL 600.
Times of use. 0700-2300 Monday-Friday; other times by NOTAM
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Navy, Commander, Training Air Wing SIX, NAS Pensacola, FL.

BOUNDARIES CHANGED 09/13/18

W-155B Pensacola, FL
Boundaries. Beginning at lat. 29°36'01"N., long. 88°01'30"W.; to lat. 29°25'21"N., long. 86°48'00"W.; thence S along long. 86°48'00"W.; to lat. 28°41'01"N., long. 86°48'00"W.; to lat. 28°52'31"N., long. 87°44'00"W.; to lat. 29°00'01"N., long. 88°01'30"W.; to the point of beginning.
Altitudes. Surface to FL 600.
Times of use. 0700-2300 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Navy, Commander, Training Air Wing SIX, NAS Pensacola, FL.

USING AGENCY CHANGED 06/27/13

W-155C Pensacola, FL
Boundaries. Beginning at lat. 29°00'01"N., long. 88°01'30"W.; to lat. 28°52'31"N., long. 87°44'00"W.;to lat. 28°41'01"N., long. 86°48'00"W.; to lat. 28°30'19"N., long. 86°48'00"W.; to lat. 28°51'21"N.,long. 88°01'30"W.; to the point of beginning.
Altitudes. Surface to FL 600.
Times of use. 0700-2300 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Navy, Commander, Training Air Wing SIX, NAS Pensacola, FL.

USING AGENCY CHANGED 06/27/13

W-161A North Myrtle Beach, SC
Boundaries. Beginning at lat. 33°00'01"N., long. 079°16'59"W.; to lat. 32°47'16"N., long. 078°27'39"W.; to lat. 32°28'57"N., long. 078°33'16"W.; to lat. 32°46'12"N., long. 079°27'05"W.; to the point of beginning.
Altitudes. Surface to and including FL 620.
Times of use. Sunrise-0100, daily.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, Commander, 20th Fighter Wing, Shaw AFB

ADDED 02/28/19

W-161A South Myrtle Beach, SC
Boundaries. Beginning at lat. 32°46'12"N., long. 079°27'05"W.; to lat. 32°28'57"N., long. 078°33'16"W.; to lat. 32°20'01"N., long. 078°35'59"W.; to lat. 32°34'31"N., long. 079°21'59"W.; to lat. 32°37'31"N., long. 079°33'24"W.; to the point of beginning.
Altitudes. Surface to and including FL 620.
Times of use. Sunrise-0100, daily.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, Commander, 20th Fighter Wing, Shaw AFB, SC.

ADDED 02/28/19

W-161B North Myrtle Beach, SC
Boundaries. Beginning at lat. 32°47'16"N., long. 078°27'39"W.; to lat. 32°42'01"N., long. 078°06'59"W.; to lat. 32°21'43"N., long. 078°11'07"W.; to lat. 32°28'57"N., long. 078°33'16"W.; to the point of beginning.
Altitudes. Surface to and including FL 300.
Times of use. Sunrise-0100, daily.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, Commander, 20th Fighter Wing, Shaw AFB, SC.

ADDED 02/28/19

W-161B South Myrtle Beach, SC
Boundaries. Beginning at lat. 32°28'57"N., long. 078°33'16"W.; to lat. 32°21'43"N., long. 078°11'07"W.; to lat. 32°12'31"N., long. 078°12'59"W.; to lat. 32°20'01"N., long. 078°35'59"W.; to the point of beginning.
Altitudes. Surface to and including FL 300.
Times of use. Sunrise-0100, daily.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, Commander, 20th Fighter

ADDED 02/28/19

W-168 Tampa, FL
Boundaries. Beginning at lat. 26°12'00"N., long. 85°05'30"W.; to lat. 27°17'44"N., long. 84°40'45"W.; to lat. 27°00'31"N., long. 82°55'10"W.; to lat. 26°36'42"N., long. 82°29'40"W.; to lat. 26°10'01"N., long. 82°16'59"W.; to lat. 26°10'01"N., long. 83°10'29"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Miami ARTCC.
Using agency. U.S. Air Force, Commander 96th Test Wing, Eglin AFB, FL.

USING AGENCY CHANGED 05/02/13

W-174A Key West, FL
Boundaries. Beginning at lat. 25°37'01"N., long. 84°25'00"W.; to lat. 25°40'01"N., long. 84°17'00"W.; to lat. 25°44'01"N., long. 82°29'59"W.; to lat. 25°14'23"N., long. 82°29'59"W.; to lat. 25°10'01"N., long. 84°51'39"W.; to the point of beginning.
Altitudes. Surface to FL 700 MSL.
Times of use. Intermittent, 0700-2300 Eastern time daily.
Controlling agency. FAA, Miami ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility Jacksonville (FACSFACJAX), Jacksonville, FL.

USING AGENCY CHANGED 03/26/20

W-174B Key West, FL
Boundaries. Beginning at lat. 25°10'01"N., long. 84°51'39"W.; to lat. 25°15'01"N., long. 81°59'59"W.; to lat. 24°43'02"N., long. 81°59'59"W.; to lat. 24°27'32"N., long. 82°36'59"W.; to lat. 24°14'37"N., long. 82°29'44"W.; to lat. 24°00'02"N., long. 83°02'59"W.; to lat. 24°00'01"N., long. 84°59'59"W.; to lat. 25°02'01"N., long. 84°59'59"W.; to the point of beginning. Excluding that airspace within an area bounded by a line 12 NM from and parallel to the shoreline of the Dry Tortugas Islands, and excluding the airspace within the Tortugas MOA.
Altitudes. Surface to FL 700; excluding that airspace from 5,500 feet MSL to FL 700, within 5 statute miles on each side of the Fish Hook RBN 245° bearing, including the additional airspace between lines diverging 5° at the RBN, extending to lat. 24°00'00"N., long. 83°24'00"W.
Times of use. Intermittent, 0700-2300 Eastern time daily; other times by NOTAM.
Controlling agency. FAA, Miami ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility Jacksonville (FACSFACJAX), Jacksonville, FL.

USING AGENCY CHANGED 03/26/20

W-174C Key West, FL
Boundaries. Beginning at lat. 24°14'37"N., long. 82°29'44"W.; to lat. 24°03'00"N., long. 82°23'00"W.; to lat. 24°15'10"N., long. 81°55'25"W.; thence counterclockwise along a line 12 NM from and parallel to the shoreline; to lat. 24°25'00"N., long. 81°28'10"W.; to lat. 24°25'00"N., long. 81°15'00"W,; to lat. 24°00'00"N., long. 81°19'00"W.; to lat. 24°00'02"N., long. 83°02'59"W.; to the point of beginning.
Altitudes. Surface to FL 700; excluding that airspace from 5,500 feet MSL to FL 700, within 5 statute miles southeast of the Fish Hook RBN 231° bearing clockwise to the Fish Hook 245° bearing, including the airspace between lines diverging 5° at the RBN, extending to the Miami FIR boundary.
Times of use. Intermittent, 0700-2300 Eastern time daily; other times by NOTAM.
Controlling agency. FAA, Miami ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility Jacksonville (FACSFACJAX), Jacksonville, FL.

USING AGENCY CHANGED 03/26/20

W-174D Key West, FL
Boundaries. Beginning at lat. 24°00’00”N., long. 82°19’00”W.; to lat. 24°00’00”N., long. 81°19’00”W.; to lat. 23°30’02”N., long. 81°26’58”W.; to lat. 23°30’02”N., long. 82°22’00”W.; to the point of beginning.
Altitudes. Surface to FL 700.
Times of use. Intermittent, 0700-2300 Eastern time daily; other times by NOTAM.
Controlling agency. FAA, Miami ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility Jacksonville (FACSFACJAX), Jacksonville, FL.

USING AGENCY CHANGED 03/26/20

W-174E Key West, FL
Boundaries. Beginning at lat. 24°40'32"N., long. 82°05'59"W.; to lat. 24°27'32"N., long. 82°36'59"W.; to lat. 24°18'30"N., long. 82°31'54"W.; to lat. 24°30'02"N., long. 82°05'59"W.; to the point of beginning.
Altitudes. Surface to 10,000 feet MSL.
Times of use. Intermittent, 0700-2300 Eastern time daily; other times by NOTAM.
Controlling agency. FAA, Miami ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility Jacksonville (FACSFACJAX), Jacksonville, FL.

USING AGENCY CHANGED 03/26/20

W-174F Key West, FL
Boundaries. Beginning at lat. 25°44'01"N., long. 82°29'59"W.; to lat. 25°45'01"N., long. 81°59'59"W.; to lat. 25°15'01"N., long. 81°59'59"W.; to lat. 25°14'23"N., long. 82°29'59"W.; to the point of beginning.
Altitudes. Surface to FL 700 MSL.
Times of use. Intermittent, 0700-2300 Eastern time daily.
Controlling agency. FAA, Miami ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility Jacksonville (FACSFACJAX), Jacksonville, FL.

USING AGENCY CHANGED 03/26/20

W-174G Key West, FL
Boundaries. Beginning at lat. 25°45'01"N., long. 81°59'59"W.; to lat. 25°45'01"N., long. 81°53'00"W.; thence counterclockwise along a line 12 NM from and parallel to the shoreline; to lat. 25°37'00"N., long. 81°40'10"W.; to lat. 25°36'01"N., long. 81°39'59"W.; to lat. 25°15'01"N., long. 81°43'49"W.; to lat. 25°15'01"N., long. 81°59'59"W.; to the point of beginning.
Altitudes. Surface to FL 700 MSL.
Times of use. Intermittent, 0700-2300 Eastern time daily; other times by NOTAM.
Controlling agency. FAA, Miami ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility Jacksonville (FACSFACJAX), Jacksonville, FL.

USING AGENCY CHANGED 03/26/20

W-174H Key West, FL
Boundaries. Beginning at lat. 24°00’02”N., long. 83°19’59”W.; to lat. 24°00’02”N., long. 83°02’59”W.; to lat. 24°00’00”N., long. 82°19’00”W.; to lat. 23°30’02”N., long. 82°22’00”W.; to lat. 23°30’02”N., long. 82°45’59”W.; to the point of beginning.
Altitudes. Surface to FL700; excluding that airspace from 5,500 feet MSL to FL700, within 5 statute miles southeast of the Fish Hook RBN 231° bearing clockwise to the Fish Hook 245° bearing, including the airspace between lines diverging 5° at the RBN, extending from the Miami FIR boundary southwest to the warning area boundary.
Times of use. Intermittent, 0700-2300 Eastern time daily; other times by NOTAM.
Controlling agency. FAA, Miami ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility Jacksonville (FACSFACJAX), Jacksonville, FL.

USING AGENCY CHANGED 03/26/20

W-177A Myrtle Beach, SC
Boundaries. Beginning at lat. 33°50'31"N., long. 78°23'44"W.; to lat. 33°50'31"N., long. 78°08'59"W.; to lat. 32°47'16"N., long. 78°27'39"W.; to lat. 33°00'01"N., long. 79°16'59"W.; to

lat. 33°11'01"N., long. 79°05'29"W.; to lat. 33°17'01"N., long. 79°04'14"W.; to lat. 33°19'41"N., long. 79°02'09"W.; to lat. 33°27'41"N., long. 78°55'19"W.; to lat. 33°40'11"N., long. 78°40'14"W.; to the point of beginning; excluding that airspace at and below 6,000 feet MSL within 19 NM of Conway TACAN (lat. 33°40'56"N., long. 78°55'55"W.)
Altitudes. Surface to and including FL 500.
Times of use. Sunrise-0100, daily.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, Commander, 20th Fighter Wing, Shaw AFB, SC.

USING AGENCY CHANGED 12/07/17

W-177B Myrtle Beach, SC
Boundaries. Beginning at lat. 33°50'31"N., long. 78°08'59"W.; to lat. 33°50'31"N., long. 78°05'59"W.; to lat. 32°55'01"N., long. 78°03'59"W.; to lat. 32°42'01"N., long. 78°06'59"W.; to lat. 32°47'16"N., long. 78°27'39"W.; to the point of beginning.
Altitudes. Surface to FL 300.
Times of use. Sunrise-0100, daily.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, Commander, 20th Fighter Wing, Shaw AFB, SC.

TIMES OF USE CHANGED 01/15/09

W-186 Hawaii, HI
Boundaries. Beginning at lat. 21°54'49"N., long. 159°43'50"W.; to lat. 21°33'18"N., long. 159°32'50"W.; thence clockwise along the arc of a circle radius of 32 NM centered at lat. 22°02'15"N., long. 159°47'05"W.; (Barking Sands TACAN) to lat. 21°59'46"N., long. 160°21'35"W.; to lat. 21°58'19"N., long. 159°48'45"W.; thence counterclockwise 3 NM from and parallel to the shoreline of the Island of Kauai to the point of beginning, excluding the airspace within 3 NM of the Islands of Niihau and Lehua.
Altitudes. Surface to 9,000 feet MSL.
Times of use. Continuous.
Controlling agency. FAA, Honolulu Control Facility.
Using agency. Commander, Pacific Missile Range Facility, HI.

CONTROLLING AGENCY CHANGED 12/22/05

W-187 Hawaii, HI
Boundaries. A circular area within a radius of 5 NM centered at lat. 21°39'30"N., long. 160°32'30"W.; excluding the airspace within 3 NM of the Island of Kaula.
Altitudes. Surface to 18,000 feet MSL.
Times of use. 0700-2200 local time Monday-Friday; 0800-1600 local time Saturday-Sunday; other times by NOTAM.

Controlling agency. FAA, Honolulu Control Facility.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Pearl Harbor, HI (FACSFACPH).

CONTROLLING AGENCY CHANGED 12/22/05

W-188A Hawaii, HI
Boundaries. Beginning at lat. 21°58'19"N., long. 159°49'07"W.; to lat. 21°58'27"N., long. 159°59'30"W.; to lat. 21°59'09"N., long. 160°11'18"W.; (excluding the airspace over and within 3 NM of the Islands of Lehua and Niihau) to lat. 21°59'46"N., long. 160°21'25"W.; to lat. 22°05'02"N., long. 161°34'42"W.; thence clockwise along the arc of a circle radius of 100 NM centered at lat. 22°02'15"N., long. 159°47'05"W.; to lat. 22°44'54"N., long. 161°24'46"W.; to lat. 22°03'44"N., long. 159°50'19"W.; thence counterclockwise 3 NM from and parallel to the shoreline of the Island of Kauai to the point of beginning.
Altitudes. Surface to Unlimited.
Times of use. Continuous.
Controlling Agency. FAA, Honolulu Control Facility.
Using Agency. Commander, Pacific Missile Range Facility, HI.

ADDED 03/29/18

W-188B Hawaii, HI
Boundaries. Beginning at lat. 22°03'44"N., long. 159°50'19"W.; to lat. 22°44'54"N., long. 161°24'46"W.; to lat. 22°55'50"N., long. 161°49'07"W.; thence clockwise along the arc of a circle radius of 125 NM centered at lat. 22°02'15"N., long. 159°47'05"W.; to lat. 23°57'23"N., long. 160°40'49"W.; to lat. 25°41'11"N., long. 161°36'06"W.; thence clockwise along the arc of a circle radius of 240 NM centered at lat. 22°02'15"N., long. 159°47'05"W.; to lat. 26°02'33"N., long. 159°30'00"W.; to lat. 22°21'19"N., long. 159°30'00"W.; thence counterclockwise along the arc of a circle radius of 25 NM centered at lat. 21°57'55"N., long. 159°20'17"W.; to lat. 22°12'47"N., long. 159°41'58"W.; thence counterclockwise 3 NM from and parallel to the shoreline of the Island of Kauai to the point of beginning.
Altitudes. Surface to Unlimited.
Times of use. Continuous.
Controlling Agency. FAA, Honolulu Control Facility.
Using Agency. Commander, Pacific Missile Range Facility, HI.

ADDED 03/29/18

W-188C Hawaii, HI
Boundaries. Beginning at lat. 22°20'39"N., long. 159°08'54"W.; thence counterclockwise along the arc of a circle radius of 25 NM centered at lat. 21°57'55"N., long. 159°20'17"W.; to lat. 22°21'19"N., long. 159°30'00"W.; to lat. 26°02'33"N., long. 159°30'00"W.; thence clockwise along the arc of a circle radius of 240 NM centered at lat. 22°02'15"N., long. 159°47'05"W.; to

lat. 25°47'40"N., long. 158°15'00"W.; to lat. 23°53'30"N., long. 158°15'00"W.; to the point of beginning.
Altitudes. Surface to Unlimited.
Times of use. Mon-Fri 1700-0800 UTC, Sat-Sun 1800-0200 UTC except Federal Holidays. Other times by NOTAM.
Controlling Agency. FAA, Honolulu Control Facility.
Using Agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Pearl Harbor, HI (FACSFAC).

ADDED 03/29/18

W-189A Hawaii, HI
Boundaries. Beginning at lat. 23°53'30"N., long. 158°15'00"W.; thence clockwise along the arc of a circle radius of 130 NM centered at lat. 21°57'55"N., long. 159°20'17"W.; (Lihue VORTAC) to lat. 23°18'55"N., long. 157°30'07"W.; to lat. 22°59'42"N., long. 157°29'50"W.; to lat. 22°46'22"N., long. 157°29'50"W.; to lat. 21°39'11"N., long. 158°24'44"W.; to lat. 21°58'47"N., long. 158°53'24"W.; thence counterclockwise along the arc of a circle radius of 25 NM centered at lat. 21°57'55"N., long. 159°20'17"W.; (Lihue VORTAC) to lat. 22°20'39"N., long. 159°08'54"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. 0700-2200 local time Monday-Friday; 0800-1600 local time Saturday-Sunday; other times by NOTAM.
Controlling Agency. FAA, Honolulu Control Facility.
Using Agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Pearl Harbor, HI (FACSFACPH).

ADDED 04/25/19

W-189B Hawaii, HI
Boundaries. Beginning at lat. 22°46'22"N., long. 157°29'50"W.; to lat. 21°58'48"N., long. 157°29'49"W.; thence counterclockwise along the arc of a circle radius of 35 NM centered at lat. 21°27'01"N., long. 157°45'50"W.; to lat. 22°00'52"N., long. 157°55'52"W.; to lat. 21°44'48"N., long. 157°52'50"W.; to lat. 21°46'48"N., long. 157°59'50"W.; to lat. 21°43'48"N., long. 158°03'50"W.; to lat. 21°37'49"N., long. 158°08'50"W.; thence counterclockwise 3 NM from and parallel to the shoreline of Oahu to lat. 21°35'48"N., long. 158°19'50"W.; to lat. 21°39'11"N., long. 158°24'44"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. 0700-2200 local time Monday-Friday; 0800-1600 local time Saturday- Sunday; other times by NOTAM.
Controlling Agency. FAA, Honolulu Control Facility.
Using Agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Pearl Harbor, HI (FACSFACPH).

ADDED 04/25/19

W-190 Hawaii, HI
Boundaries. Beginning at lat. 22°59'42"N., long. 157°29'50"W.; to lat. 22°59'42"N., long. 157°08'50"W.; to lat. 22°35'44"N., long. 156°59'50"W.; to lat. 22°10'45"N., long. 156°59'50"W.; to lat. 21°49'35"N., long. 157°17'05"W.; thence counterclockwise along the arc of a circle radius of 35 NM centered at lat. 21°27'01"N., long. 157°45'50"W.; (Kaneohe Bay TACAN) to lat. 21°58'48"N., long. 157°29'49"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. 0700-2200 local time Monday-Friday; 0800-1600 local time Saturday-Sunday; other times by NOTAM.
Controlling agency. FAA, Honolulu Control Facility.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Pearl Harbor, HI (FACSFACPH).

BOUNDARIES CHANGED 04/25/19

W-191 Hawaii, HI
Boundaries. Beginning at lat. 20°54'09"N., long. 158°10'47"W.; thence counterclockwise along the arc of a circle of 28 nautical miles in radius centered at lat. 21°18'30"N., long. 157°55'49"W.; to lat. 20°52'16"N., long. 157°45'06"W.; to lat. 20°42'53"N., long. 157°41'18"W.; thence clockwise along the arc of a circle of 38 nautical miles in radius centered at lat. 21°18'30"N., long. 157°55'49"W.; to lat. 20°45'27"N., long. 158°16'06"W.; thence to the point of beginning.
Altitudes. Surface to 3,000 feet MSL.
Times of use. 0700-2200 local time Monday-Friday; 0800-1600 local time Saturday-Sunday; other times by NOTAM.
Controlling agency. FAA, Honolulu Control Facility.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Pearl Harbor, HI (FACSFACPH).

CONTROLLING AGENCY CHANGED 12/22/05

W-192 Hawaii, HI
Boundaries. Beginning at lat. 20°45'27"N., long. 158°16'06"W.; thence counterclockwise along the arc of a circle of 38 nautical miles in radius centered at lat. 21°18'30"N., long.157°55'49"W.; to lat. 20°41'04"N., long. 158°03'33"W.; to lat. 18°50'42"N., long. 158°26'00"W.; thence clockwise along the arc of a circle of 150 nautical miles in radius centered at lat. 21°18'30"N., long. 157°55'49"W.; to lat. 19°07'50"N., long. 159°15'01"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. 0700-2200 local time Monday-Friday; 0800-1600 local time Saturday-Sunday; other times by NOTAM.
Controlling agency. FAA, Honolulu Control Facility.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Pearl Harbor, HI (FACSFACPH).

CONTROLLING AGENCY CHANGED 12/22/05

W-193 Hawaii, HI
Boundaries. Beginning at lat. 20°41'04"N., long. 158°03'33'W.; thence counterclockwise along the arc of a circle of 38 nautical miles in radius centered at lat. 21°18'30"N., long. 157°55'49"W.; to lat. 20°41'30"N., long. 157°46'01"W.; to lat. 18°52'23"N., long. 157°17'34"W.; thence clockwise along the arc of a circle of 150 nautical miles in radius centered at lat. 21°18'30"N., long. 157°55'49"W.; to lat. 18°50'42"N., long. 158°26'00"W. to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. 0700-2200 local time Monday-Friday; 0800-1600 local time Saturday-Sunday; other times by NOTAM.
Controlling agency. FAA, Honolulu Control Facility.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Pearl Harbor, HI (FACSFACPH).

CONTROLLING AGENCY CHANGED 12/22/05

W-194 Hawaii, HI
Boundaries. Beginning at lat. 20°41'30"N., long. 157°46'01"W.; thence counterclockwise along the arc of a circle 38 nautical miles in radius centered at lat. 21°18'30"N., long. 157°55'49"W.; to lat. 20°42'53"N., long. 157°41'18"W.; to lat. 20°42'05"N., long. 157°25'37"W.; to lat. 20°28'14"N., long. 157°14'13"W.; to lat. 20°03'35"N., long. 156°54'02"W.; to lat. 19°41'14"N., long. 156°35'50"W.; to lat. 19°08'15"N., long. 156°35'50"W.; thence clockwise along the arc of a circle of 150 nautical miles in radius centered at lat. 21°18'30"N., long. 157°55'49"W.; to lat. 18°52'23"N., long. 157°17'34"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. 0700-2200 local time Monday-Friday; 0800-1600 local time Saturday-Sunday; other times by NOTAM.
Controlling agency. FAA, Honolulu Control Facility.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Pearl Harbor, HI (FACSFACPH).

CONTROLLING AGENCY CHANGED 12/22/05

W-196 Hawaii, HI
Boundaries. Beginning at lat. 20°57'35"N., long. 158°06'13"W.; thence counterclockwise along the arc of a circle 23 nautical miles in radius centered at lat. 21°18'30"N., long. 157°55'49"W.; to lat. 20°56'19"N., long. 157°49'03"W.; to lat. 20°51'29"N., long. 157°47'35"W.; thence clockwise along the arc of a circle of 28 nautical miles in radius centered at lat. 21°18'30"N., long. 157°55'49"W.; to lat. 20°53'02"N., long. 158°08'28"W.; to the point of beginning.
Altitudes. Surface to 2,000 feet MSL.
Times of use. 0700-2200 local time Monday-Friday; 0800-1600 local time Saturday-Sunday; other times by NOTAM.

Controlling agency. FAA, Honolulu Control Facility.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Pearl Harbor, HI (FACSFACPH).

CONTROLLING AGENCY CHANGED 12/22/05

W-220A High Oliktok, AK
Boundaries. Beginning at lat. 70°47'00"N., long. 150°58'15"W.; to lat. 71°37'00"N., long. 151°01'03"W.; to lat. 71°37'00"N., long. 148°42'04"W.; to lat. 70°47'00"N., long. 148°44'52"W.; to the point of beginning.
Altitudes. 2,000 feet MSL up to but not including 10,000 feet MSL.
Times of Use. By NOTAM.
Controlling Agency. FAA, Anchorage ARTCC.
Using Agency. U.S. Department of Energy, Office of Science, Biological and Environmental Research.

ADDED 06/25/15

W-220A Low Oliktok, AK
Boundaries. Beginning at lat. 70°47'00"N., long. 150°58'15"W.; to lat. 71°37'00"N., long. 151°01'03"W.; to lat. 71°37'00"N., long. 148°42'04"W.; to lat. 70°47'00"N., long. 148°44'52"W.; to the point of beginning.
Altitudes. Surface up to but not including 2,000 feet MSL.
Times of Use. By NOTAM.
Controlling Agency. FAA, Anchorage ARTCC.
Using Agency. U.S. Department of Energy, Office of Science, Biological and Environmental Research.

ADDED 06/25/15

W-220B High Oliktok, AK
Boundaries. Beginning at lat. 71°37'00"N., long. 151°01'03"W.; to lat. 72°27'00"N., long. 151°04'09"W.; to lat. 72°27'00"N., long. 148°39'03"W.; to lat. 71°37'00"N., long. 148°42'04"W.; to the point of beginning.
Altitudes. 2,000 feet MSL up to but not including 10,000 feet MSL.
Times of Use. By NOTAM.
Controlling Agency. FAA, Anchorage ARTCC.
Using Agency. U.S. Department of Energy, Office of Science, Biological and Environmental Research.

ADDED 06/25/15

W-220B Low Oliktok, AK
Boundaries. Beginning at lat. 71°37'00"N., long. 151°01'03"W.; to lat. 72°27'00"N., long. 151°04'09"W.; to lat. 72°27'00"N., long. 148°39'03"W.; to lat. 71°37'00"N., long. 148°42'04"W.; to the point of beginning.
Altitudes. Surface up to but not including 2,000 feet MSL.
Times of Use. By NOTAM.
Controlling Agency. FAA, Anchorage ARTCC.
Using Agency: U.S. Department of Energy, Office of Science, Biological and Environmental Research.

ADDED 06/25/15

W-220C High Oliktok, AK
Boundaries. Beginning at lat. 72°27'00"N., long. 151°04'09"W.; to lat. 73°17'00"N., long. 151°07'22"W.; to lat. 73°17'00"N., long. 148°35'45"W.; to lat. 72°27'00"N., long. 148°39'03"W.; to the point of beginning.
Altitudes. 2,000 feet MSL up to but not including 10,000 feet MSL.
Times of Use. By NOTAM.
Controlling Agency. FAA, Anchorage ARTCC.
Using Agency. U.S. Department of Energy, Office of Science, Biological and Environmental Research.

ADDED 06/25/15

W-220C Low Oliktok, AK
Boundaries. Beginning at lat. 72°27'00"N., long. 151°04'09"W.; to lat. 73°17'00"N., long. 151°07'22"W.; to lat. 73°17'00"N., long. 148°35'45"W.; to lat. 72°27'00"N., long. 148°39'03"W.; to the point of beginning.
Altitudes. Surface up to but not including 2,000 feet MSL.
Times of Use. By NOTAM.
Controlling Agency. FAA, Anchorage ARTCC.
Using Agency. U.S. Department of Energy, Office of Science, Biological and Environmental Research.

ADDED 06/25/15

W-220D High Oliktok, AK
Boundaries. Beginning at lat. 73°17'00"N., long. 151°07'22"W.; to lat. 74°07'00"N., long. 151°10'58"W.; to lat. 74°07'00"N., long. 148°32'10"W.; to lat. 73°17'00"N., long. 148°35'45"W.; to the point of beginning.
Altitudes. 2,000 feet MSL up to but not including 10,000 feet MSL.
Times of Use. By NOTAM.

Controlling Agency. FAA, Anchorage ARTCC.
Using Agency. U.S. Department of Energy, Office of Science, Biological and Environmental Research.

ADDED 06/25/15

W-220D Low Oliktok, AK
Boundaries. Beginning at lat. 73°17'00"N., long. 151°07'22"W.; to lat. 74°07'00"N., long. 151°10'58"W.; to lat. 74°07'00"N., long. 148°32'10"W.; to lat. 73°17'00"N., long. 148°35'45"W.; to the point of beginning.
Altitudes. Surface up to but not including 2,000 feet MSL.
Times of Use. By NOTAM.
Controlling Agency. FAA, Anchorage ARTCC.
Using Agency. U.S. Department of Energy, Office of Science, Biological and Environmental Research.

ADDED 06/25/15

W-220E High Oliktok, AK
Boundaries. Beginning at lat. 74°07'00"N., long. 151°10'58"W.; to lat. 75°47'00"N., long. 151°19'15"W.; to lat. 75°47'00"N., long. 148°23'51"W.; to lat. 74°07'00"N., long. 148°32'10"W.; to the point of beginning.
Altitudes. 2,000 feet MSL up to but not including 10,000 feet MSL.
Times of Use. By NOTAM.
Controlling Agency. FAA, Anchorage ARTCC.
Using Agency. U.S. Department of Energy, Office of Science, Biological and Environmental Research.

ADDED 06/25/15

W-220E Low Oliktok, AK
Boundaries. Beginning at lat. 74°07'00"N., long. 151°10'58"W.; to lat. 75°47'00"N., long. 151°19'15"W.; to lat. 75°47'00"N., long. 148°23'51"W.; to lat. 74°07'00"N., long. 148°32'10"W.; to the point of beginning.
Altitudes. Surface up to but not including 2,000 feet MSL.
Times of Use. By NOTAM.
Controlling Agency. FAA, Anchorage ARTCC.
Using Agency. U.S. Department of Energy, Office of Science, Biological and Environmental Research.

ADDED 06/25/15

W-220F High Oliktok, AK
Boundaries. Beginning at lat. 75°47’00”N., long. 151°19’15”W.; to lat. 77°27’00”N., long. 151°29’29”W.; to lat. 77°27’00”N., long. 148°13’38”W.; to lat. 75°47’00”N., long. 148°23’51”W.; to the point of beginning.
Altitudes. 2,000 feet MSL up to but not including 10,000 feet MSL.
Times of Use. By NOTAM.
Controlling Agency. FAA, Anchorage ARTCC.
Using Agency. U.S. Department of Energy, Office of Science, Biological and Environmental Research.

ADDED 06/25/15

W-220F Low Oliktok, AK
Boundaries. Beginning at lat. 75°47’00”N., long. 151°19’15”W.; to lat. 77°27’00”N., long. 151°29’29”W.; to lat. 77°27’00”N., long. 148°13’38”W.; to lat. 75°47’00”N., long. 148°23’51”W.; to the point of beginning.
Altitudes. Surface up to but not including 2,000 feet MSL.
Times of Use. By NOTAM.
Controlling Agency. FAA, Anchorage ARTCC.
Using Agency. U.S. Department of Energy, Office of Science, Biological and Environmental Research.

ADDED 06/25/15

W-220G High Oliktok, AK
Boundaries. Beginning at lat. 75°27’00”N., long. 151°29’29”W.; to lat. 79°07’00”N., long. 151°42’27”W.; to lat. 79°07’00”N., long. 148°00’40”W.; to lat. 77°27’00”N., long. 148°13’38”W.; to the point of beginning.
Altitudes. 2,000 feet MSL up to but not including 10,000 feet MSL.
Times of Use. By NOTAM.
Controlling Agency. FAA, Anchorage ARTCC.
Using Agency. U.S. Department of Energy, Office of Science, Biological and Environmental Research.

ADDED 06/25/15

W-220G Low Oliktok, AK
Boundaries. Beginning at lat. 77°27’00”N., long. 151°29’29”W.; to lat. 79°07’00”N., long. 151°42’27”W.; to lat. 79°07’00”N., long. 148°00’40”W.; to lat. 77°27’00”N., long. 148°13’38”W.; to the point of beginning.
Altitudes. Surface up to but not including 2,000 feet MSL.
Times of Use. By NOTAM.

Controlling Agency. FAA, Anchorage ARTCC.
Using Agency. U.S. Department of Energy, Office of Science, Biological and Environmental Research.

ADDED 06/25/15

W-220H High Oliktok, AK
Boundaries. Beginning at lat. 79°07’00”N., long. 151°42’27”W.; to lat. 82°00’00”N., long. 152°15’54”W.; to lat. 82°00’00”N., long. 147°27’12”W.; to lat. 79°07’00”N., long. 148°00’40”W.; to the point of beginning.
Altitudes. 2,000 feet MSL up to but not including 10,000 feet MSL.
Times of Use. By NOTAM.
Controlling Agency. FAA, Anchorage ARTCC.
Using Agency. U.S. Department of Energy, Office of Science, Biological and Environmental Research.

ADDED 06/25/15

W-220H Low Oliktok, AK
Boundaries. Beginning at lat. 79°07’00”N., long. 151°42’27”W.; to lat. 82°00’00”N., long. 152°15’54”W.; to lat. 82°00’00”N., long. 147°27’12”W.; to lat. 79°07’00”N., long. 148°00’40”W.; to the point of beginning.
Altitudes. Surface up to but not including 2,000 feet MSL.
Times of Use. By NOTAM.
Controlling Agency. FAA, Anchorage ARTCC.
Using Agency. U.S. Department of Energy, Office of Science, Biological and Environmental Research.

ADDED 06/25/15

W-228A Corpus Christi, TX
Boundaries. Beginning at lat. 28°03'05"N., long. 96°31'40"W.; to lat. 28°01'00"N., long. 96°25'01"W.; to lat. 27°58'35"N., long. 96°19'07"W.; thence clockwise along the 60 NM arc of Corpus Christi VORTAC; to lat. 26°56'10"N., long. 97°09'01"W.; thence along a line 12 NM from and parallel to the shoreline; to lat. 27°20'45"N., long. 97°05'20"W.; to lat. 27°15'00"N., long. 96°56'00"W.; to lat. 27°28'00"N., long. 96°46'00"W.; to lat. 27°46'07"N., long. 96°49'50"W.; thence northeast along a line 12 NM from and parallel to the shoreline; to the point of beginning.
Altitudes. Surface to FL 450.

Times of use. Continuous.
Controlling agency. FAA, Houston ARTCC, TX.
Using Agency. U.S. Navy, Commander, Training Air Wing FOUR, Corpus Christi Naval Air Station, Corpus Christi, TX.

USING AGENCY CHANGED 05/07/09

W-228B Corpus Christi, TX
Boundaries. Beginning at lat. 27°58'35"N., long. 96°19'07"W.; to lat. 27°38'01"N., long. 95°30'01"W.; to lat. 27°15'01"N., long. 95°33'01"W.; to lat. 27°32'15"N., long. 96°23'45"W.; thence counterclockwise along the 60 NM arc of Corpus Christi VORTAC; to the point of beginning.
Altitudes. Surface to FL 450.
Times of use. Continuous.
Controlling agency. FAA, Houston ARTCC, TX.
Using Agency. U.S. Navy, Commander, Training Air Wing FOUR, Corpus Christi Naval Air Station, Corpus Christi, TX.

USING AGENCY CHANGED 05/07/09

W-228C Corpus Christi, TX
Boundaries. Beginning at lat. 27°21'29"N., long. 96°30'01"W.; thence counterclockwise along the 60 NM arc of Corpus Christi VORTAC; to lat. 27°32'15"N., long. 96°23'45"W.; to lat. 27°15'01"N., long. 95°33'01"W.; to lat. 26°52'01"N., long. 95°35'01"W.; to lat. 26°00'01"N., long. 95°59'01"W.; to lat. 26°00'01"N., long. 96°30'01"W.; to the point of beginning.
Altitudes. Surface to FL 450.
Times of use. Continuous.
Controlling agency. FAA, Houston ARTCC, TX.
Using Agency. U.S. Navy, Commander, Training Air Wing FOUR, Corpus Christi Naval Air Station, Corpus Christi, TX.

USING AGENCY CHANGED 05/07/09

W-228D Corpus Christi, TX
Boundaries. Beginning at lat. 26°56'10"N., long. 97°09'01"W.; thence counterclockwise along the 60 NM arc of the Corpus Christi VORTAC; to lat. 27°21'29"N., long. 96°30'01"W.; to lat. 26°00'01"N., long. 96°30'01"W.; to lat. 26°00'01"N., long. 96°55'40"W.; thence along a line 12 NM from and parallel to the shoreline; to the point of beginning.
Altitudes. Surface to FL 450.

Times of use. Continuous.
Controlling agency. FAA, Houston ARTCC, TX.
Using Agency. U.S. Navy, Commander, Training Air Wing FOUR, Corpus Christi Naval Air Station, Corpus Christi, TX.

USING AGENCY CHANGED 05/07/09

W-237A Washington Coastal, WA
Boundaries. Beginning at lat. 48°08'59"N., long. 125°56'05"W.; to lat. 48°08'59"N., long. 124°50'16""W.; thence southbound 3 nautical miles parallel to the shoreline; to lat. 47°05'55"N., long. 124°15'09"W.; to lat. 47°00'29"N., long. 124°30'05"W.; to lat. 46°49'59"N., long. 125°24'05"W.; to the point of beginning.
Altitudes. Surface to but not including FL 500.
Times of use. Intermittent by NOTAM.
Controlling Agency. FAA, Seattle ARTCC.
Using Agency. U.S. Navy, Commanding Officer, NAS Whidbey Island, Oak Harbor, WA.

ADDED 04/25/19

W-237C Washington Coastal, WA
Boundaries. Beginning at lat. 48°08'59"N., long. 125°56'05"W.; to lat. 47°00'00"N., long. 125°28'03"W.; to lat. 47°00'00"N., long. 126°15'00"W.; to lat. 48°08'59"N., long. 126°15'00"W.
Altitudes. Surface to unlimited.
Time of use. Intermittent by NOTAM.
Controlling agency. FAA, Seattle ARTCC.
Using agency. USN, Naval Air Station, Whidbey Island, WA.

USING AGENCY CHANGED 07/12/01

W-237D Washington Coastal, WA
Boundaries. Beginning at lat. 47°00'00"N., long. 125°28'03"W.; to lat. 46°49'59"N., long. 125°24'05"W.; to lat. 46°53'24"N., long. 125°06'47"W.; to lat. 46°32'00"N., long. 125°18'00"W.; to lat. 46°06'00"N., long. 126°15'00"W.; to lat. 47°00'00"N.' long. 126°15'00"W.
Altitudes. Surface to unlimited.
Time of use. Intermittent by NOTAM.
Controlling agency. FAA, Seattle ARTCC.
Using agency. USN, Naval Air Station, Whidbey Island, WA.

USING AGENCY CHANGED 07/12/01

W-237E Washington Coastal, WA
Boundaries. Beginning at lat. 48°29'37"N., long. 125°09'01"W.; to lat. 48°08'59"N., long. 125°05'00"W.; to lat. 48°08'59"N., long. 127°54'44"W.; to lat. 48°20'00"N., long. 128°00'00"W.
Altitudes. Surface to FL 270.
Time of use. Intermittent by NOTAM.
Controlling agency. FAA, Seattle ARTCC.
Using agency. USN, Naval Air Station, Whidbey Island, WA.

USING AGENCY CHANGED 07/12/01

W-237F Washington Coastal, WA
Boundaries. Beginning at lat. 48°08'59"N., long. 126°15'00"W.; to lat. 47°00'00"N., long. 126°15'00"W.; to lat. 47°00'00"N., long. 127°22'26"W.; to lat. 48°08'59"N., long. 127°54'44"W.
Altitudes. Surface to unlimited.
Time of use. Intermittent by NOTAM.
Controlling agency. FAA, Seattle ARTCC.
Using agency. USN, Naval Air Station, Whidbey Island, WA.

USING AGENCY CHANGED 07/12/01

W-237G Washington Coastal, WA
Boundaries. Beginning at lat. 47°00'00"N., long. 126°15'00"W.; to lat. 46°06'00"N., long. 126°15'00"W.; to lat. 45°48'35"N., long. 126°50'49"W.; to lat. 47°00'00"N., long. 127°22'26"W.
Altitudes. Surface to unlimited.
Time of use. Intermittent by NOTAM.
Controlling agency. FAA, Seattle ARTCC.
Using agency. USN, Naval Air Station, Whidbey Island, WA.

USING AGENCY CHANGED 07/12/01

W-237H Washington Coastal, WA
Boundaries. Beginning at lat. 48°20'00"N., long. 128°00'00"W.; to lat. 47°00'00"N., long. 127°22'26"W.; to lat. 47°00'00"N., long. 129°00'00"W.; to lat. 48°21'02"N., long. 130°00'00"W.
Altitudes. Surface to FL 270.
Time of use. Intermittent by NOTAM.
Controlling Agency. FAA, Oakland ARTCC.
Using agency. USN, Naval Air Station, Whidbey Island, WA.

USING AGENCY CHANGED 07/12/01

W-237J Washington Coastal, WA
Boundaries. Beginning at lat. 47°00'00"N., long. 127°22'26"W.; to lat. 45°48'35"N.,long. 126°50'49"W.; to lat. 45°50'00"N., long. 128°10'00"W.; to lat. 47°00'00"N., long. 129°00'00"W.
Altitudes. Surface to FL 270.
Time of use. Intermittent by NOTAM.
Controlling agency. FAA, Oakland ARTCC.
Using agency. USN, Naval Air Station, Whidbey Island, WA.

USING AGENCY CHANGED 07/12/01

W-260 San Francisco, CA
Boundaries. Beginning at lat. 39°00'00"N., long. 124°00'00"W.; to lat. 38°51'00"N., long. 124°00'00"W.; to lat. 38°21'30"N., long. 123°26'10"W.; to lat. 38°07'00"N., long. 123°15'14"W.; to lat. 38°02'00"N., long. 123°17'50"W.; to lat. 38°00'00"N., long. 123°23'04"W.; to lat. 37°50'00"N., long. 124°24'34"W.; to lat. 38°05'30"N., long. 125°22'04"W.; to lat. 38°52'00"N., long. 125°52'34"W.; to the point of beginning.
Altitudes. Surface to FL 600.
Times of use. 0630-2100 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Oakland ARTCC.
Using agency. Commander, Fleet Area Control and Surveillance Facility, San Diego, CA.

TIMES OF USE CHANGED 02/16/06

W-283 San Francisco, CA
Boundaries. Beginning at lat. 36°52'00"N., long. 123°10'04"W.; to lat. 36°20'00"N., long. 124°19'04"W.; to lat. 35°13'00"N., long. 123°34'04"W.; to lat. 35°29'00"N., long. 123°00'04"W.; to lat. 35°04'00"N., long. 122°43'04"W.; to lat. 35°20'55"N., long. 122°06'59"W.; to the point of beginning.
Altitudes. Surface to FL 600.
Times of use. 0630-2100 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Oakland ARTCC.
Using agency. Commander, Fleet Area Control and Surveillance Facility, San Diego, CA.

TIMES OF USE CHANGED 02/16/06

W-285A San Francisco, CA
Boundaries. Beginning at lat. 36°59’00”N., long 122°55’49”W.; to lat. 36°11’00”N., long 122°23’34”W.; to lat. 35°37’00”N., long 121°32’04”W.; to lat. 35°20’55”N., long 122°06’59”W.; to lat. 36°52’00”N., long 123°10’04”W.; to point of beginning.
Altitudes. Surface to FL 450.
Times of use. 0630-2100 Monday–Friday, other times by NOTAM.

Controlling agency. FAA, Oakland ARTCC.
Using agency. U.S. Navy, Commander Fleet Area Control and Surveillance Facility, San Diego, CA.

AMENDED 06/08/06

W-285B San Francisco, CA
Boundaries. Beginning at lat. 37°05'00"N., long. 122°43'04"W.; to lat. 36°06'50"N., long. 122°02'45"W.; to lat. 36°11'00"N., long. 122°23'34"W.; to lat. 36°59'00"N., long. 122°55'49"W.; to the point of beginning.
Altitudes. Surface to FL 190.
Times of use. 0630-2100 Monday–Friday, other times by NOTAM.
Controlling agency. FAA, Northern California TRACON ARTCC.
Using agency. U.S. Navy, Commander Fleet Area Control and Surveillance Facility, San Diego, CA.

AMENDED 02/16/06

W-285C San Francisco, CA
Boundaries. Beginning at lat. 37°05'00"N., long. 122°43'04"W.; to lat. 36°06'50"N., long. 122°02'45"W.; to lat. 35°58'00"N., long. 121°57'04"W.; to lat. 35°37'00"N., long. 121°32'04"W.; to lat. 36°11'00"N., long. 122°23'34"W.; to lat. 36°59'00"N., long. 122°55'49"W.; to the point of beginning.
Altitudes. Above FL 190 to FL 450.
Times of use. 0630-2100 Monday–Friday, other times by NOTAM.
Controlling agency. FAA, Oakland ARTCC.
Using agency. U.S. Navy, Commander Fleet Area Control and Surveillance Facility, San Diego, CA.

ALTITUDES CHANGED 06/08/06

W-285D San Francisco, CA
Boundaries. Beginning at lat. 36°06'50"N., long. 122°02'45"W.; to lat. 35°58'00"N., long. 121°57'04"W.;to lat. 35°37'00"N., long. 121°32'04"W.;to lat. 36°11'00"N., long. 122°23'34"W.; to the point of beginning.
Altitudes. Surface to FL 190.
Times of use. 0630-2100 Monday–Friday, other times by NOTAM.
Controlling agency. FAA, Oakland ARTCC.
Using agency. U.S. Navy, Commander Fleet Area Control and Surveillance Facility, San Diego, CA.

ADDED 02/16/06

W-289N Point Mugu, CA
Boundaries. Beginning at lat. 34°06'45"N., long. 120°30'04"W.; to lat. 34°08'00"N., long. 120°25'44"W.; to lat. 34°08'00"N., long. 120°10'49"W.; to lat. 34°00'00"N., long. 120°16'04"W.; to lat. 34°00'00"N., long. 120°30'04"W.; to the point of beginning.
Altitudes. Surface to FL 240.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. U.S. Navy, Commander, Naval Air Warfare Center Weapons Division, Point Mugu, CA.

TIMES OF USE CHANGED 01/15/09

W-289E Point Mugu, CA
Boundaries. Beginning at lat. 34°05’30”N., long. 119°13’03”W.; thence 3 NM from and parallel to the shoreline to lat. 34°02’15”N., long. 119°04’23”W.; to lat. 33°54’00”N., long. 119°06’31”W.; to lat. 34°03’09”N., long. 119°24’19”W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. U.S. Navy, Commander, Naval Air Warfare Center Weapons Division, Point Mugu, CA.

ADDED 01/13/11

W-289S Point Mugu, CA
Boundaries. Beginning at lat. 34°05’24”N., long. 120°30’04”W.; to lat. 34°00’00”N., long. 120°30’04”W.; to lat. 34°00’00”N., long. 119°47’39”W.; to lat. 33°39’16”N., long. 119°07’02”W.; to lat. 33°28’30”N., long. 119°07’02”W.; to lat. 33°28’30”N., long. 119°04’03”W.; to lat. 33°27’20”N., long. 119°01’43”W.; to lat 33°28’30”N., long. 119°00’13”W.; to lat 33°28’30”N., long. 118°47’00”W.; to lat. 32°09’59”N., long. 120°19’59”W.; to lat. 31°54’00”N., long. 121°34’34”W.; to lat. 32°13’30”N., long. 121°43’04”W.; to lat. 33°14’53”N., long. 122°19’19”W.; to the point of beginning, excluding that portion which would coincide with W-412, R-2535A and R-2535B when active.
Altitudes. Surface to unlimited.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. U.S. Navy, Commander, Naval Air Warfare Center Weapons Division, Point Mugu, CA.

BOUNDARIES CHANGED 06/30/11

W-289W Point Mugu, CA
Boundaries. Beginning at lat. 34°03’09”N., long 119°24’19”W.; to lat. 33°54’00”N., long. 19°06’31”W.; to lat. 33°52’03”N., long. 119°07’02”W.; to lat. 33°39’16”N., long. 19°07’02”W.; to lat. 34° 00’ 00”N, long 119°47’39”W.; to lat. 34° 00’ 00”N, long 119°37’10”W.; to the point of beginning, excluding that portion which would coincide with W-412 when active.
Altitudes. Surface to unlimited.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. U.S. Navy, Commander, Naval Air Warfare Center Weapons Division, Point Mugu, CA.

ADDED 01/13/11

W-291E San Diego, CA
Boundaries. Beginning at lat. 33°12’30”N., long. 117°58’48”W.; to lat. 32°53’00”N., long. 117°41’43”W.; to lat. 32°36’50”N., long. 117°32’57”W.; to lat. 32°35’00”N., long. 117°32’00”W.; to lat. 32°26’24”N., long. 117°32’30”W.; to lat. 32°13’00”N., long. 117°32’00”W.; to lat. 32°11’00”N., long. 117°17’30”W.; to lat. 29°35’00”N., long. 116°02’30”W.; to lat. 29°35’00”N., long. 118°15’00”W.; to lat. 27°18’30”N., long. 121°00’00”W.; to lat. 30°35’02”N., long. 121°00’00”W.; to lat. 30°40’00”N., long. 120°50’03”W.; to lat. 30°50’00”N., long. 120°40’03”W.; to lat. 31°50’00”N., long. 119°42’03”W.; to lat. 32°12’15”N., long. 119°42’03”W.; to lat. 32°44’30”N., long. 119°07’03”W.; to lat. 33°16’35”N., long. 118°25’03”W.; to the point of beginning.
Altitudes. Surface to FL 800.
Times of use. Intermittent by NOTAM.
Controlling Agency. FAA, Los Angeles ARTCC.
Using Agency. U.S. Navy, Fleet Area Control and Surveillance Facility, San Diego, CA.

ADDED 10/10/19

W-291W San Diego, CA
Boundaries. Beginning at lat. 30°35’02”N., long. 121°00’00”W.; to lat. 27°18’30”N., long.121°00’00”W.; to lat. 24°00’01”N., long. 125°00’03”W.; to lat. 27°30’00”N., long. 127°10’04”W.; to the point of beginning.
Altitudes. Surface to FL800.
Times of use. Intermittent by NOTAM.
Controlling Agency. FAA, Los Angeles ARTCC.
Using Agency. U.S. Navy, Fleet Area Control and Surveillance Facility, San Diego, CA.

ADDED 10/10/19

W-292E San Diego, CA
Boundaries. Beginning at lat. 33°28’30”N., long. 118°47’00”W.; to lat. 33°19’33”N., long. 118°37’07”W.; to lat. 32°52’15”N., long. 119°12’33”W.; to lat. 32°44’14”N., long. 119°25’00”W.; to lat. 32°56’50”N., long. 119°25’00”W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. U.S. Navy, Commander, Naval Air Warfare Center Weapons Division, Point Mugu, CA.

BOUNDARIES CHANGED 06/30/11

W-292W San Diego, CA
Boundaries. Beginning at lat. 32°56’50”N., long 119°25’00”W.; to lat. 32°44’14”N., long. 119°25’00”W.; to lat. 32°10’45”N., long. 120°16’18”W.; to lat. 32°09’59”N., long. 120°19’59”W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. U.S. Navy, Commander, Naval Air Warfare Center Weapons Division, Point Mugu, CA.

BOUNDARIES CHANGED 06/30/11

W-371 Ponce, PR
Boundaries. Beginning at lat. 18°04'53"N., long. 67°54'59"W.; to lat. 18°04'53"N., long. 67°15'04"W.; 3 NM from and parallel to the shoreline; to lat. 17°55'33"N., long. 66°37'59"W.; to lat. 17°44'53"N., long. 66°38'59"W.; to lat. 17°00'00"N., long. 66°43'00"W.; to lat. 16°36'00"N., long. 66°45'00"W.; to lat. 16°30'00"N., long. 66°46'00"W.; to lat. 16°30'00"N., long. 67°55'00"W.; to the point of beginning.
Altitudes. Surface to FL 200.
Times of use. By NOTAM.
Controlling agency. FAA, San Juan CERAP.
Using agency. Puerto Rico Air National Guard, San Juan, PR.

ALTITUDE AND TIMES OF USE CHANGED 06/05/08

W-386 Virginia Capes, VA
Boundaries. Beginning at lat. 38°36'50"N., long. 74°59'49"W.; to lat. 38°45'00"N., long. 74°52'59"W.; to lat. 38°45'00"N., long. 74°20'00"W.; to lat. 37°57'00"N., long. 73°00'30"W.; to lat. 37°13'39"N., long. 72°40'00"W.; to lat. 37°00'00"N., long. 75°30'00"W.; to lat. 37°08'01"N., long. 75°30'00"W.; to lat. 37°08'01"N., long. 75°46'59"W.; thence 3 NM from and parallel to the shoreline to the point of beginning.

Altitudes. Surface to unlimited; excluding the airspace from 2,000 feet MSL to FL 600 west of long. 75°30'00"W., and excluding the airspace above FL 230 within the area bounded by lat. 38°36'50"N., long. 74°59'49"W.; to lat. 38°45'00"N., long. 74°52'59"W.; to lat. 38°45'00"N., long. 74°36'59"W.; to lat. 38°39'15"N., long. 74°43'59"W.; to lat. 38°25'30"N., long. 74°58'59"W.; thence 3 NM from and parallel to the shoreline to the point of beginning.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Washington ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Virginia Capes (FACSFAC VACAPES), Virginia Beach, VA.

USING AGENCY CHANGED 01/13/11

W-387A Virginia Capes, VA
Boundaries. Beginning at lat. 37°04'54"N., long. 74°35'59"W.; to lat. 37°13'40"N., long. 72°39'59"W.; to lat. 36°42'09"N., long. 72°39'58"W.; to lat. 36°47'16"N., long. 74°35'59"W.; to the point of beginning.
Altitudes. Surface to but not including FL 240.
Times of use. Continuous.
Controlling agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Virginia Capes (FACSFAC VACAPES), Virginia Beach, VA.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Virginia Capes (FACSFAC VACAPES), Virginia Beach, VA.

CONTROLLING AND USING AGENCIES CHANGED 01/13/11

W-387B Virginia Capes, VA
Boundaries. Beginning at lat. 37°04'54"N., long. 74°35'59"W.; to lat. 37°13'40"N., long. 72°39'58"W.; to lat. 36°42'09"N., long. 72°39'58"W.; to lat. 36°47'16"N., long. 74°35'59"W.; to the point of beginning.
Altitudes. FL 240 to unlimited.
Times of use. Continuous.
Controlling agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Virginia Capes (FACSFAC VACAPES), Virginia Beach, VA.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility, Virginia Capes (FACSFAC VACAPES), Virginia Beach, VA.

CONTROLLING AND USING AGENCIES CHANGED 01/13/11

W-412 Santa Cruz Island, CA
Boundaries. Beginning at lat. 34°08'00"N., long. 119°40'03"W.; to lat. 33°59'15"N., long. 119°40'03"W.; to lat. 33°53'00"N., long. 120°07'03"W.; to lat. 33°49'00"N., long. 120°16'03"W.; to lat. 34°00'00"N., long. 120°16'04"W.; to lat. 34°08'00"N., long. 120°10'49"W.; to the point of beginning.

Altitudes. Surface to 3,000 feet MSL.
Times of use. Sunrise to sunset, daily.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. U.S. Navy, Commander, Naval Air Warfare Center Weapons Division, Point Mugu, CA.

TIMES OF USE CHANGED 01/15/09

W-453A Gulfport, MS
Boundaries. Beginning at lat. 30°09'16"N., long. 88°01'30"W. to lat. 29°36'11"N., long. 88°01'30"W. to lat. 29°42'51"N., long. 88°49'30"W. then 3 NM from and parallel to the Chandeleur Islands to lat. 30°06'01"N., long. 88°51'00"W. to lat. 30°11'01"N., long. 88°41'40"W. then 3 NM from and parallel to the shoreline to the point of beginning.
Altitudes. Surface to but not including 6,000 feet MSL.
Times of use. Intermittent, sunrise to sunset; other times by NOTAM.
Controlling agency. FAA, Houston ARTCC.
Using agency. Commander, Combat Readiness Training Center, Gulfport, MS.

ADDED 07/29/10

W-453B Gulfport, MS
Boundaries. Beginning at lat. 30°09'16"N., long. 88°01'30"W. to lat. 29°36'11"N., long. 88°01'30"W. to lat. 29°42'51"N., long. 88°49'30"W. then 3 NM from and parallel to the Chandeleur Islands to lat. 30°06'01"N., long. 88°51'00"W. to lat. 30°11'01"N., long. 88°41'40"W. then 3 NM from and parallel to the shoreline to the point of beginning.
Altitudes. 6,000 feet MSL to FL 600.
Times of use. Intermittent, sunrise to sunset; other times by NOTAM.
Controlling agency. FAA, Houston ARTCC.
Using agency. Commander, Combat Readiness Training Center, Gulfport, MS.

ADDED 07/29/10

W-465A Key West, FL
Boundaries. Beginning at lat. 24°30’37”N., long. 80°56’00”W.; thence clockwise along a line 12 NM from and parallel to the shoreline; to lat.24°38’00”N., long. 80°41’20”W.; to lat. 24°38’58”N., long. 80°34’06”W.; to lat. 24°00’02”N., long. 80°32’29”W.; to lat. 24°00’02”N., long. 80°55’43”W.; to the point of beginning.
Altitudes. Surface to FL 700.
Times of use. Intermittent, 0700-2300 daily; other times by NOTAM.

Controlling agency. FAA, Miami ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility Jacksonville (FACSFACJAX), Jacksonville, FL.

USING AGENCY CHANGED 03/26/20

W-465B Key West, FL
Boundaries. Beginning at lat. 24°38'58"N., long. 80°34'06"W.; to lat. 24°41'44"N., long. 79°58'49"W,; to lat. 24°00'36"N., long. 79°48'27"W.; to lat. 24°00'02"N., long. 79°49'59"W.; to lat. 24°00'02"N., long. 80°32'29"W.; to the point of beginning.
Altitudes. Surface to FL 700.
Times of use. Intermittent, 0700-2300 daily; other times by NOTAM.
Controlling agency. FAA, Miami ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility Jacksonville (FACSFACJAX), Jacksonville, FL.

USING AGENCY CHANGED 03/26/20

W-465C Key West, FL
Boundaries. Beginning at lat. 24°00'02"N., long. 80°55'43"W.; to lat. 24°00'02"N., long. 80°32'29"W.; to lat. 24°00'02"N., long. 79°49'59"W.; to lat. 23°32'27"N., long. 80°53'19"W.; to the point of beginning.
Altitudes. Surface to FL 700.
Times of use. Intermittent, 0700-2300 daily; other times by NOTAM.
Controlling agency. FAA, Miami ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility Jacksonville (FACSFACJAX), Jacksonville, FL.

USING AGENCY CHANGED 03/26/20

W-465D Key West, FL
Boundaries. Beginning at lat. 24°41'44"N., long. 79°58'49"W,; to lat. 24°43'07"N., long. 79°40'23"W.; to lat. 24°17'12"N., long. 79°22'01"W.; to lat. 24°05'33"N., long. 79°34'55"W.; to lat. 24°00'36"N., long. 79°48'27"W.; to the point of beginning.
Altitudes. Surface to FL 700.
Times of use. Intermittent, 0700-2300 daily; other times by NOTAM.
Controlling agency. FAA, Miami ARTCC.
Using agency. U.S. Navy, Fleet Area Control and Surveillance Facility Jacksonville (FACSFACJAX), Jacksonville, FL.

USING AGENCY CHANGED 03/26/20

W-470A Panama City, FL
Boundaries. Beginning at lat. 29°32'46"N., long. 85°00'00"W.; thence 3 NM from and parallel to the shoreline; to lat. 29°42'30"N., long. 84°40'23"W.; to lat. 29°42'30"N., long. 84°00'00"W.; to lat. 28°56'00"N., long. 83°31'00"W.; to lat. 29°19'30"N., long. 85°00'00"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. 0600-0030 daily; other times by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, Commander 96th Test Wing, Eglin AFB, FL.

BOUNDARIES CHANGED 09/13/18

W-470B Panama City, FL
Boundaries. Beginning at lat. 29°19'30"N., long. 85°00'00"W.; to lat. 28°56'00"N., long. 83°31'00"W.; to lat. 28°31'00"N., long. 84°03'00"W.; to lat. 28°46'30"N., long. 85°00'00"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. 0600-0030 daily; other times by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, Commander 96th Test Wing, Eglin AFB, FL.

USING AGENCY CHANGED 05/02/13

W-470C Panama City, FL
Boundaries. Beginning at lat. 28°46'30"N., long. 85°00'00"W.; to lat. 28°31'00"N., long. 84°03'00"W.; to lat. 28°10'00"N., long. 84°30'00"W.; to lat. 28°10'00"N., long. 84°39'00"W.; to lat. 28°15'00"N., long. 85°00'00"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. 0600-0030 daily; other times by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, Commander 96th Test Wing, Eglin AFB, FL.

USING AGENCY CHANGED 05/02/13

W-470D Panama City, FL
Boundaries. Beginning at lat. 28°56’00”N., long. 83°31’00”W.; to lat. 28°24’00”N., long. 83°31’00”W.; to lat. 28°33’00”N., long. 84°01’00”W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent, 0600-0030 daily; other times by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, Commander 96th Test Wing, Eglin AFB, FL.

USING AGENCY CHANGED 05/02/13

W-470E Panama City, FL
Boundaries. Beginning at lat. 28°33’00”N., long. 84°01’00”W.; to lat. 28°24’00”N., long. 83°31’00”W.; to lat. 28°05’00”N., long. 83°31’00”W.; to lat. 28°05’00”N., long. 84°15’00”W.; to lat. 28°10’00”N.,long. 84°30’00”W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent, 0600-0030 daily; other times by NOTAM.
Controlling agency. FAA, Miami ARTCC.
Using agency. U.S. Air Force, Commander 96th Test Wing, Eglin AFB, FL.

USING AGENCY CHANGED 05/02/13

W-470F Panama City, FL
Boundaries. Beginning at lat. 28°15'01"N., long. 85°00'00"W.; to lat. 28°10'00"N., long. 84°39'00"W.;to lat. 28°10'01"N., long. 84°30'00"W.; to lat. 28°05'00"N., long. 84°15'00"W.; to lat. 28°02'23"N.,long. 85°00'00"W.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Jacksonville ARTCC.
Using agency. U.S. Air Force, Commander 96th Test Wing, Eglin AFB, FL.

USING AGENCY CHANGED 05/02/13

W-497A Patrick AFB, FL
Boundaries. Beginning at lat. 28°41’33”N., long. 80°35’25”W.; to lat. 28°50’00”N., long. 80°06’15”W.; to lat. 28°52’39”N., long. 79°57’17”W.; to lat. 28°56’57”N., long. 79°42’40”W.; to lat. 29°00’40”N., long. 79°30’00”W.; to lat. 28°00’00”N., long. 79°30’00”W.; to lat. 28°00’00”N., long. 80°00’00”W.; to lat. 28°24’31”N., long. 80°29’52”W.; thence north along a line parallel with and 3 NM from the shoreline to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. By NOTAM.
Controlling agency. FAA, Miami ARTCC.
Using agency. Commander, 45th Space Wing, Patrick AFB, FL.

USING AGENCY CHANGED 02/04/16

W-497B Patrick AFB, FL
Boundaries. Beginning at lat. 29°00’40”N., long. 79°30’00”W.; to lat. 29°14’00”N., long. 78°43’30”W.; to lat. 29°20’00”N., long. 78°20’09”W.; to lat. 29°30’00”N., long. 78°18’00”W.; to lat. 30°00’00”N., long. 77°13’00”W.; to lat. 30°00’00”N., long. 77°00’00”W.; to lat. 27°00’00”N., long. 77°05’00”W.; to lat. 27°00’00”N., long. 79°48’00”W.; to lat. 27°20’00”N., long. 80°06’00”W.; to lat. 27°31’14”N., long. 80°14’58”W.; thence north along a line 3 NM from and parallel to the shoreline to lat. 28°24’31”N., long. 80°29’52”W.; to lat. 28°00’00”N., long. 80°00’00”W.; to lat. 28°00’00”N., long. 79°30’00”W.; to the point of beginning, excluding

that airspace below 5,000 feet MSL in a corridor 2.2 NM on each side of a line between lat. 27°00’00”N., long. 79°00'00"W.; to lat. 27°15'00"N., long. 78°24'00"W.; to lat. 27°00'00"N., long. 77°43'00"W.
Altitudes. Surface to unlimited.
Times of use. By NOTAM.
Controlling agency. FAA, Miami ARTCC.
Using agency. Commander, 45th Space Wing, Patrick AFB, FL.

USING AGENCY CHANGED 02/04/16

W-506 Nantucket Shoals Offshore, MA
Boundaries. Beginning at lat. 41°00'00"N., long. 69°27'58"W.; to lat. 41°00'00"N., long. 67°59'58"W.; to lat. 40°07'01"N., long. 67°59'58"W.; to lat. 40°46'00"N., long. 69°05'58"W.; to the point of beginning.
Altitudes. Surface to FL 500.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, New York ARTCC.
Using agency. USAF, Eastern Air Defense Sector, Rome, NY.

USING AGENCY CHANGED 02/11/10

W-513 Point Reyes, CA
Boundaries. Beginning at lat. 38°02'00"N., long. 123°17'50"W.; to lat. 37°56'00"N., long. 123°17'50"W.; to lat. 37°46'25"N., long. 123°10'00"W.; to lat. 37°43'00"N., long. 124°00'04"W.; to lat. 37°50'00"N., long. 124°24'34"W.; to lat. 38°00'00"N., long. 123°23'04"W.; to the point of beginning.
Altitudes. Surface to FL 600.
Times of use. 0630-2100 Monday-Friday; other times by NOTAM.
Controlling agency. FAA, Oakland ARTCC.
Using agency. Commander, Fleet Area Control and Surveillance Facility, San Diego, CA.

TIMES OF USE CHANGED 02/16/06

W-517 Guam, GU
Boundaries. Beginning at lat. 12°50'00"N., long. 144°30'00"E.; to lat. 13°10'00"N., long. 144°30'00"E.; to lat. 13°10'00"N., long. 144°42'00"E.; to lat. 12°50'00"N., long. 144°45'00"E.; to lat. 11°00'00"N., long. 144°45'00"E.; to lat. 11°00'00"N., long. 143°00'00"E.; to lat. 11°45'00"N., long. 143°00'00"E.; to the point of beginning.
Altitudes. Surface to unlimited.
Times of use. By NOTAM.
Controlling agency. FAA, Guam CERAP.
Using agency. Commander, Naval Forces, Marianas Naval Station, Guam.

W-532E Point Arguello, CA
Boundaries. Beginning at lat. 35°12’25”N., long. 121°02’58”W.; to lat. 35°05’57”N., long. 120°55’24”W.; to lat. 34°47’55”N., long. 121°36’03”W.; to lat. 34°06’28”N., long. 122°50’43”W.; to lat. 34°25’30”N., long. 123°02’59”W.; to lat. 34°55’31”N., long. 121°41’04”W.; to point of beginning.
Altitudes. Unlimited.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. U.S. Navy, Commander, Naval Air Warfare Center Weapons Division, Point Mugu, CA.

ADDED 09/23/10

W-532N Point Arguello, CA
Boundaries. Beginning at lat. 35°37’00”N., long. 121°32’04”W.; to lat. 35°12’25”N., long. 121°02’58”W.; to lat. 34°55’31”N., long. 121°41’04”W.; to lat. 34°25’30”N., long. 123°02’59”W.; to lat. 35°13’00”N., long. 123°34’04”W.; to lat. 35°29’00”N., long. 123°00’04”W.; to lat. 35°04’00”N., long. 122°43’04”W.; to point of beginning.
Altitudes. Unlimited.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. U.S. Navy, Commander, Naval Air Warfare Center Weapons Division, Point Mugu, CA.

ADDED 09/23/10

W-532S Point Arguello, CA
Boundaries. Beginning at lat. 35°05’57”N., long. 120°55’24”W.; to lat. 34°55’54”N., long. 120°43’40”W.; thence 3 nautical miles from and parallel to the shoreline to lat. 34°24’01”N., long. 120°29’38”W.; to lat. 33°47’10”N., long. 122°38’23”W.; to lat. 34°06’28”N., long. 122°50’43”W.; to lat. 34°47’55”N., long. 121°36’03”W.; to the point of beginning.
Altitudes. Unlimited.
Times of use. Intermittent by NOTAM.
Controlling agency. FAA, Los Angeles ARTCC.
Using agency. U.S. Navy, Commander, Naval Air Warfare Center Weapons Division, Point Mugu, CA.

BOUNDARIES CHANGED 12/07/17

W-537 Santa Barbara, CA
Boundaries. That airspace included in Control Area 1176 which lies west of long. 120°30'00"W.
Altitudes. Surface to unlimited.
Times of use. Intermittent by NOTAM.

Controlling agency. FAA, Los Angeles ARTCC.
Using agency. U.S. Navy, Commander, Naval Air Warfare Center Weapons Division, Point Mugu, CA.
NOTE: Prior approval required before entering Control Area 1176 west of long. 120°30'00"W.

TIMES OF USE CHANGED 01/15/09

W-570A Newport, OR
Boundaries. Beginning at lat. 45°44'59"N., long. 125°30'05"W.; to lat. 46°08'50"N., long. 124°19'41"W.; to lat. 44°54'02"N., long. 124°20'04"W.; to lat. 44°50'35"N., long. 124°21'21"W.; to lat. 44°37'59"N., long. 124°28'04"W.; to lat. 44°10'59"N., long. 125°30'05"W.; to point of beginning.
Altitudes. Surface to FL 500.
Times of Use. Intermittent by NOTAM.
Controlling Agency. FAA, Seattle ARTCC.
Using Agency. USAF, 142 FW, Portland Air National Guard, OR.

ADDED 12/07/17

W-570B Newport, OR
Boundaries. Beginning at lat. 45˚51’35”N., long. 125˚30’00”W.; to lat. 46˚20’00”N., long. 124˚46’00”W.; to lat. 46˚20’00”N., long. 124˚21’53”W.; thence south 12 miles from and parallel to the U.S. shoreline; to lat. 46°08'50"N., long. 124°19'41"W.; to lat. 45˚44’59”N., long. 125˚30’05”W.; to point of beginning.
Altitudes. 1,000 feet MSL to FL 500.
Times of Use. Intermittent by NOTAM.
Controlling Agency. FAA, Seattle ARTCC.
Using Agency. USAF, 142 FW, Portland Air National Guard, OR.

ALTITUDES CHANGED 05/24/18

W-570C Newport, OR
Boundaries. Beginning at lat. 46°08'50"N., long. 124°19'41"W.; thence south 12 miles from and parallel to the U.S. shoreline; to lat. 45°12'00"N., long. 124°16'19"W.; thence south 12 miles from and parallel to the U.S. shoreline; to lat. 44°41'14"N., long. 124°21'39"W.; to lat. 44°37'59"N., long. 124°28'04"W.; to lat. 44°50'35"N., long. 124°21'21"W.; to lat. 44°54'02"N., long. 124°20'04"W.; to point of beginning.
Altitudes. 11,000 feet MSL to FL 500.
Times of Use. Intermittent by NOTAM.
Controlling Agency. FAA, Seattle ARTCC.
Using Agency. USAF, 142 FW, Portland Air National Guard, OR.

ALTITUDES CHANGED 05/24/18

W-570D Newport, OR
Boundaries. Beginning at lat. 45°10'00"N., long. 126°34'30"W.; to lat. 45°17'00"N., long. 126°22'00"W.; to lat. 45°51'35"N., long. 125°30'00"W.; to lat. 45°44'59"N., long. 125°30'05"W.; to lat. 44°10'59"N., long. 125°30'05"W.; to lat. 44°04'00"N., long. 125°48'30"W.; to lat. 43°49'44"N., long. 126°15'59"W.; to lat. 44°16'54"N., long. 126°34'18"W.; to lat. 45°00'00"N., long. 126°30'00"W.; to point of beginning.
Altitudes. 1,000 feet MSL to FL 500.
Times of Use. Intermittent by NOTAM.
Controlling Agency. FAA, Seattle ARTCC.
Using Agency. USAF, 142 FW, Portland Air National Guard, OR.

BOUNDARIES AND ALTITUDES CHANGED 05/24/18

W-570E Newport, OR
Boundaries. Beginning at lat. 44°16'54"N., long. 126°34'18"W.; to lat. 43°49'44"N., long. 126°15'59"W.; to lat. 43°43'30"N., long. 126°28'00"W.; to lat. 43°54'49"N., long. 126°36'29"W.; to point of beginning.
Altitudes. 1,000 feet MSL to FL 270.
Times of Use. Intermittent by NOTAM.
Controlling Agency. FAA, Seattle ARTCC.
Using Agency. USAF, Air National Guard, 142 FW, Portland ANGB, OR.

ADDED 05/24/18

W-602 Gulf of Mexico, South of Houston, TX
Boundaries. Beginning at lat. 27°37'00"N., long. 94°05'00"W.; to lat. 26°13'00"N., long. 93°27'00"W.; to lat. 25°20'00"N., long. 94°23'00"W.; to lat. 26°02'00"N., long. 95°53'00"W.; to lat. 27°04'00"N., long. 95°20'00"W.; to the point of beginning.
Altitude. Surface to FL 250.
Times of use. Continuous.
Controlling agency. FAA Houston ARTCC.
Using Agency. USN, CO STRATCOMMWING 1, Tinker AFB, Oklahoma City, OK.

USING AGENCY CHANGED 07/2/09

W-612 Blying Sound, AK
Boundaries. Beginning at lat. 59°43'00"N., long. 148°57'30"W.; to lat. 59°43'00"N., long. 148°43'30"W.; to lat. 59°22'00"N., long. 147°05'00"W.; to lat. 58°48'00"N., long. 148°00'00"W.; to lat. 59°09'00"N., long. 149°47'00"W.; to point of beginning.
Altitudes. Surface to FL 290.

Times of use. By NOTAM.
Controlling agency. FAA, Anchorage ARTCC.
Using agency. USAF, 3 WG, Elmendorf AFB, AK.

USING AGENCY CHANGED 03/30/95

Subpart E – National Security Areas

Definition.

A national security area (NSA) consists of airspace of defined vertical and lateral dimensions established at locations where there is a requirement for increased security of ground facilities. The purpose of such national security areas is to request pilot cooperation by voluntarily avoiding flight through the NSA.
When circumstances dictate a need for a greater level of security, flight in an NSA may be temporarily prohibited by regulation under the provisions of 14 CFR Section 99.7, Special Security Instructions. Such prohibitions will be issued by FAA Headquarters and disseminated via the U.S. NOTAM System.

Aiken, SC
Boundaries. Beginning at to lat. 33°23'45"N., long. 81°33'20"W; to lat. 33°14'30"N., long. 81°29'50"W; to lat. 33°13'16"N., long. 81°30'45"W; to lat. 33°08'50"N., long. 81°39'22"W; to lat. 33°17'12"N., long. 81°47'40"W; to lat. 33°18'33"N., long. 81°45'45"W; to lat. 33°19'25"N., long. 81°46'35"W; to lat. 33°23'00"N., long. 81°46'00"W; to lat. 33°22'20"N., long. 81°42'55"W; to point of beginning.
Altitudes. Surface to 2,000 MSL.
Using agency. U.S. Department of Energy, Savannah River Plant, SC.

ADDED 08/06/81

Anniston, AL
Boundaries. Within a 3-nautical mile radius centered at lat. 33°40’27”N., long. 085°58’06”W.
Altitudes. Surface to 5,000 feet AGL.
Using agency. U.S. Army Anniston Chemical Depot, AL.

ADDED 09/02/04

Bremerton, WA
Boundaries. Beginning at lat. 47°33’43”N., long. 122°37’31”W; to lat. 47°33’48”N., long. 122°37’35”W; to lat. 47°33’48”N., long. 122°37’40”W; to lat. 47°33’54”N., long.122°37’40”W; to lat. 47°33’54”N., long. 122°37’59”W; to lat. 47°33’52”N., long.122°37’59”W; to lat. 47°33’52”N., long. 122°38’08”W; to lat. 47°33’49”N., long. 122°38’08”W; to lat. 47°33’49”N., long. 122°39’06”W; to lat. 47°33’31”N., long. 122°39’06”W; to lat. 47°33’31”N., long. 22°39’20”W; to lat. 47°33’17”N., long. 122°39’20”W; to lat. 47°33’04”N., long.122°39’41”W; to lat. 47°33’04”N., long. 122°39’07”W; to lat. 47°33’07”N., long.122°38’58”W; to lat. 47°33’07”N., long. 122°38’29”W; to lat. 47°33’10”N., long. 122°38’19”W; to lat. 47°33’19”N., long. 122°38’12”W; to lat. 47°33’23”N., long. 122°37’45”W; to lat. 47°33’39”N., long. 122°37’27“W; to point of beginning.

Altitudes. Surface to 2,900 feet MSL.
Using agency. U.S. Navy Bremerton Shipyard, WA.

ADDED 12/23/04

Everett, WA
Boundaries. Beginning at lat. 47°59'40"N., long 122°13'24"W; to lat. 47°59'40"N., long. 122°13'30"W; to lat. 47°59'20"N., long. 122°13'33"W; to lat. 47°59'13"N.,long.122°13'38"W; to lat. 47°59'06"N., long. 122°13'49"W; to lat. 47°58'51"N., long.122°14'04"W; to lat. 47°58'46"N., long. 122°13'53"W; to lat. 47°58'46"N., long. 122°13'44"W; to lat. 47°58'48"N., long. 122°13'40"W; to lat. 47°58'59"N., long.122°13'30"W; to lat. 47°59'14"N., long. 122°13'18"W; to lat. 47°59'13"N., long. 122°13'12"W; to lat. 47°59'20"N., long. 122°13'08"W; to lat. 47°59'20"N., long.122°13'03"W; to lat. 47°59'25"N., long.122°12'57"W; to lat. 47°59'25"N., long. 122°12'52"W; to lat. 47°59'39" N., long. 122°12'51"W; to point of beginning.
Altitudes. Surface to 1,900 feet MSL.
Using agency. U.S. Navy Naval Station Everett, WA.

ADDED 12/23/04

Hanford, WA
Boundaries. Beginning at lat. 46°38'00"N., long. 119°43'30"W; to lat. 46°44'25"N., long. 119°25'00"W; to lat. 46°39'30"N., long. 119°20'00"W; to lat. 46°34'10"N., long.119°20'00"W; to lat. 46°30'00"N., long. 119°15'00"W; to lat. 46°23'00"N., long. 119°24'50"W; to point of beginning.
Altitudes. Surface to 1,800 feet MSL.
Using agency. U.S. Department of Energy, Hanford Plant, WA.

ADDED 07/09/81

Honolulu, HI
Boundaries. Beginning at lat. 21°20'00"N., long. 157°59'46"W; thence clockwise along a 2.1 NM arc centered on a point 2.9 NM from the Honolulu VORTAC 323° radial to lat. 21°22'30"N., long. 157°56'20"W; to lat. 21°21'50"N., long. 157°56'20"W; to lat. 21°21'50"N., long. 157°55'45"W; to lat. 21°20'00"N., long. 157°56'30"W; to point of beginning.
Altitudes. Surface to but not including 5,000 feet MSL.
Using agency. U.S. Navy Pearl Harbor, HI.

BOUNDARIES CHANGED 10/08/04

Idaho Falls, ID
Boundaries. Beginning at lat. 43°26'58"N., long. 113°10’35"W.; to lat. 43°26'57"N., long. 112°56’10"W.; to lat. 43°33'15"N., long. 112°35’20"W.; to lat. 43°54'50"N., long. 112°38’00"W.; to lat. 43°54'51"N., long. 112°46’25"W.; to lat. 43°48'16"N., long. 112°50’55"W.; to lat. 43°39'22"N., long. 113°03’20"W.; to lat. 43°36'27"N., long. 113°10’35"W.; to point to beginning. A corridor 2 miles wide with no altitude restrictions exists in the northern portion of this boundary extending from the intersection of ID 33 and ID 22 near the point of the mountain at lat. 43°48’16”N., long. 112°50’55”W.; due east approximately 12 miles to a point approximately 1 mile south of a circular butte at lat. 43°47’40”N., long. 112°34’30”W.
Altitudes. Surface to 6,000 feet MSL.
Using agency. U.S. Department of Energy, Idaho National Laboratory.

ADDED 05/14/81
BOUNDARIES AND USING AGENCY CHANGED 05/29/14

Livermore, CA
Boundaries. 1/2 NM radius of lat. 37°41’26”N., long. 121°42’04”W.
Altitudes. Surface to 800 feet AGL.
Using Agency. U.S. Department of Energy Lawrence Livermore National Laboratory.

ALTITUDES CHANGED 10/27/05

Oak Ridge, TN
Boundaries. Beginning at lat. 35°58’55”N., long. 84°16’51”W.; to lat. 35°59’54”N., long. 84°14’39”W.; to lat. 35°59’26”N., long. 84°13’55”W.; to lat. 35°58’02”N., long. 84°16’34”W.
Altitudes. Surface to 3,000 feet MSL.
Using Agency. U.S. Department of Energy Y-12 Plant, TN.

ADDED 04/02/92

Pine Bluff, AR
Boundaries. Beginning at lat. 34°22’19”N., long. 092°09’54”W; to lat. 34°17’55”N., long. 092°05’11”W; thence counterclockwise along a 3 NM arc radius centered at lat. 34°20’30”N., long. 092°07’00”W; to lat. 34°20’13”N., long. 092°03’24”W; to lat. 34°22’01”N., long 092°03’52”W; thence counterclockwise along a 3 NM arc radius centered at lat. 34°20’30”N., long. 092°07’00”W; to point of beginning.
Altitudes. Surface to 5,000 feet MSL.
Using agency. U.S Army Pine Bluff Arsenal, AR.

BOUNDARIES CHANGED 12/06/04

Portsmouth, OH
Boundaries. Beginning at lat. 39°03'07"N., long. 083°01'26"W; to lat. 39°03'07"N., long. 082°58'05"W; to lat. 38°59'12"N., long. 082°58'05"W; to lat. 38°59'12"N., long. 083°01'26"W; to point of beginning.
Altitudes. Surface to 2,500 feet MSL.
Using agency. U.S. Department of Energy Gaseous Diffusion Plant, OH.

ADDED 01/09/92

Port Townsend, Indian Island, WA
Boundaries. Beginning at to lat. 48°02'00"N., long 122°44'00"W; to lat. 48°03'00"N., long 122°45'30"W; to lat. 48°05'30"N., long 122°45'30"W; to lat. 48°05'20"N., long 122°43'30"W; to lat. 48°04'00"N., long 122°42'35"W; to lat. 48°02'35"N., long 122°42'25"W; to lat. 48°02'00"N., long 122°42'00"W; to point of beginning.
Altitudes. Surface to 2,900 feet MSL.
Using agency. U.S. Navy Indian Island Magazine, WA.

ADDED 12/23/04

Pueblo, CO
Boundaries. Within a 3 nautical mile radius centered at lat. 38°18’40”N., long. 104°20’51”W.
Altitudes. Surface to 3,000 feet AGL.
Using agency. U.S. Army Pueblo Chemical Depot, CO.

ADDED 01/20/05

Richmond, KY
Boundaries. Within a 3-nautical mile radius centered at lat. 37°42’00”N., long. 084°13’00”W.
Altitudes. Surface to but not including 5,000 feet AGL.
Using agency. U. S. Army, Bluegrass Army Depot, KY.

ADDED 12/23/04

Tooele, UT
Boundaries. Beginning at lat. 40°15’40”N., long. 112°24’15”W.; to lat. 40°20’11”N., long. 112°24’15”W; to lat. 40°20’11”N., long. 112°17’10”W; to lat. 40°15’40”N., long. 112°17’10”W; to point of beginning.
Altitudes. Surface to 8,000 feet MSL.
Using agency. U.S. Army Deseret Chemical Depot, UT.

ADDED 12/23/04

United States and Canadian Identifiers

United States

AL	Alabama
AK	Alaska
AZ	Arizona
AR	Arkansas
CA	California
CO	Colorado
CT	Connecticut
DE	Delaware
DC	District of Columbia
FL	Florida
GA	Georgia
HI	Hawaii
ID	Idaho
IL	Illinois
IN	Indiana
IA	Iowa
KS	Kansas
KY	Kentucky
LA	Louisiana
ME	Maine
MD	Maryland
MA	Massachusetts
MI	Michigan
MN	Minnesota
MS	Mississippi
MO	Missouri
MT	Montana
NE	Nebraska
NV	Nevada
NH	New Hampshire
NJ	New Jersey
NM	New Mexico
NY	New York
NC	North Carolina
ND	North Dakota
OH	Ohio
OK	Oklahoma
OR	Oregon
PA	Pennsylvania
RI	Rhode Island
SC	South Carolina
SD	South Dakota

TN	Tennessee
TX	Texas
UT	Utah
VT	Vermont
VA	Virginia
WA	Washington
WV	West Virginia
WI	Wisconsin
WY	Wyoming

BF	Bahama Islands
CQ	Northern Mariana Islands
GU	Guam
JQ	Johnston Island Johnston Atoll
TT	Kwajalein Island (Marshall Islands)
PR	Puerto Rico
VI	Virgin Islands
WQ	Wake Island

Canada

AB	Alberta
BC	British Columbia
LB	Labrador
MB	Manitoba
NB	New Brunswick
NF	Newfoundland
NT	Northwest Territories
NS	Nova Scotia
ON	Ontario
PE	Prince Edward Island
PQ	Quebec
SK	Saskatchewan
YT	Yukon Territory