

MCAS Yuma, AZ
JDAM Launch Acceptable Regions for R2507
(WDZ Tool – 10 Apr 2015)

ASSUMPTIONS:

- Footprints are based on RMTK, Weapons Danger Zone (WDZ) Tool data v10.1.0.1.5 dated 4/10/2015.
- WDZs will be based on a 99.9999% level of containment and must be kept wholly within the installation range boundary. While containment levels on the WDZ tool are adjustable from 1:10,000 to a 1:1,000,000 probability of munitions (for inert ordnance) or a hazardous fragment (for live ordnance) escaping the containment area, 1:1,000,000 is the range standard.
- Weapon Target Validation - a process is implemented to ensure correct weapon targeting has been verified by at least three independent checks prior to weapon release.

APPROVED PARAMETERS FOR GBU-32/38 (1,000/500 lbs.):

- Aircraft employment specifics:
 - 30,000ft MSL or below
 - 500KTAS or slower
 - Aircraft level flight or any allowable dive
 - JDAM impact angle 65° or greater
 - JDAM impact velocity 500fps or greater
- Authorized impact areas for deployment in **R2507N**:
 - Impact Area **10N and 14N** - allowable run-in heading 250° clockwise to 110° (release no further than 6.0nm)
 - Impact Area **3N** - allowable run-in heading 250° clockwise to 110° (release no further than 5.0nm and no higher than 25,000ft)
 - Impact Area **13N** - allowable run-in heading 290° clockwise to 120° (release no further than 5.0nm)
- Authorized impact areas for deployment in **R2507S**:
 - Impact Areas **1S, 2S, 3S** - allowable run-in heading 290° clockwise to 120° (release no farther than 6.0nm from target)
 - Impact Area **4S, 5S, 8S, 12S, 13S, 14S, 15S** - allowable run-in heading 290° clockwise to 120° (release no further than 7.0nm)

* All non-mission essential personnel shall remain outside the WDZ.

** GBU-31 is still authorized but requires advance approval.

*** Individual footprints are available upon request.

**** Mission essential personnel (TACP & support personnel, etc...) may remain in the WDZ but shall mitigate risk by choosing aircraft / weapon run-in headings as close to perpendicular to the line of troops as possible. All JTACs and FACs shall follow the procedures and guidelines of the JFIRE manual (Nov 2012) and all other pertinent reference publications.