




AIRBORNE UNIT ASSUMES RESPONSIBILITY FOR PERSONNEL INJURY AND EQUIPMENT DAMAGE ON DZ

DROP ZONE SURVEY	1A. DZ NAME RAEFORD SOUTH CDZ	1B. ZAR INDEX NO. SNNCD00031-F	2A. COUNTRY USA	2B. STATE North Carolina					
	3. MAP SERIES/SHEET NUMBER/ EDITION/ DATE OF MAP JOG 1:250K / NI 1804 / 6 / 07 Oct 1999								
	4. SURVEY APPROVAL/DISAPPROVAL DATA								
4A1. DATE SURVEYED 31 May 2017	4A2. TYPED NAME AND GRADE OF SURVEYOR Gilbert Gunson, SSgt, USAF	4A3. PHONE NUMBER (DSN) 383-5211	4A4. UNIT 724 OSS, Fort Bragg, NC						
4B. DROP ZONE APPROVAL/DISAPPROVAL A = APPROVED D = DISAPPROVED	FOR	CDS/CRL/CRS	PER	HE	MFF	SATB	CRRC	HSSLADS	HVCDS
	DAY	D	D	D	A	D	D	D	D
	NIGHT	D	D	D	A	D	D	D	D
4C. DATE APPROVED FOR GROUND OPERATIONS 31 May 2017	NAME, GRADE AND SERVICE OF APPROVAL AUTHORITY ERIC GORSKI, CTR, USAF		PHONE NUMBER (DSN) 383-2480		SIGNATURE 				
	UNIT AND LOCATION SOCOM / 724 STG, Fort Bragg, NC								
4D. DATE SAFETY OF FLIGHT REVIEW APPROVED 25 Jun 2017	NAME AND GRADE OF REVIEWING OFFICER George Seaman, Civilian, DOD		PHONE NUMBER (DSN) 383-4539		SIGNATURE 				
	UNIT AND LOCATION SOCOM / AVTEG, Ft Bragg, NC								
4E. DATE OF MAJCOM APPROVAL 26 Jun 2017	NAME AND GRADE OF APPROVING AUTHORITY Andrew Carr, O5, USAF		PHONE NUMBER (DSN) 910-243-0174		SIGNATURE 				
	UNIT AND LOCATION SOCOM / AVTEG, Ft Bragg, NC		SIGNATURE Andrew Carr Service: USAF Grade: O5 Unit: SOCOM / AVTEG ID: 1000413						
5. COORDINATING ACTIVITIES									
A. DZ CONTROLLING AGENCY OR UNIT Julian Johnson (910-624-4103)			B. MEMORANDUM OF UNDERSTANDING/LAND USE YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ATTACHED <input type="checkbox"/>				C. PHONE NUMBER (DSN) (N/A)		
D. RANGE CONTROL Julian Johnson (910-624-4103) (See Remarks for Ft Bragg Range Control)						E. PHONE NUMBER (DSN) (N/A)			
6. DZ DIMENSIONS (YDS/MTRS) (FOR CIRCULAR DZ, ENTER RADIUS ONLY)									
A. LENGTH (N/A)		B. WIDTH (N/A)			C. RADIUS 200 YDS / 182.88 m				
POINT OF IMPACT DISTANCES FROM DZ LEADING EDGE			D. CDS PI (N/A)		E. PE PI (N/A)		F. HE PI (N/A)		
7. DZ AXIS DATA (OPTIONAL FOR CIRCULAR DZ)									
A. MAGNETIC (Random Run-Ins)		B. GRID (MGRS) (Random Run-Ins)		C. TRUE (Random Run-Ins)		D. SOURCE/DATE OF VARIATION DATA WMM 2015			
8. GROUND POINT ELEVATION	A. CDS PI (N/A)		B. HE PI (N/A)		C. PE PI 279' MSL		D. HIGHEST 296' MSL		
9. DZ COORDINATES									
A. SPHEROID WGS84		B. DATUM WGS84		C. GRID ZONE 17S		D. EASTING 06		E. NORTHING 38	
F. GPS DERIVED COORDINATES YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>			G. POINT OF ORIGIN 17S PU 63828 75562 "Y" intersection DZ Center located 231m @ 181° M						
H. POINT	MGRS COORDINATES			WGS84 LATITUDE (D-M.MM)			WGS84 LONGITUDE (D-M.MM)		
DZ CENTERPOINT	17S PU 63888 75354			35° 00.453' N			079° 12.236' W		
CDS PI	(N/A)			(N/A)			(N/A)		
PE PI	MFF: 17S PU 63888 75354			35° 00.453' N			079° 12.236' W		
HE PI	(N/A)			(N/A)			(N/A)		
I. DZ CORNERS MGRS COORDINATES									
LEFT LEADING EDGE (N/A)					RIGHT LEADING EDGE (N/A)				
LEFT TRAILING EDGE (N/A)					RIGHT TRAILING EDGE (N/A)				

AF IMT 3823, 20021001, V2 / PDF COPY OF ORIGINAL V6.3

DZ NAME

RAEFORD SOUTH CDZ

10. DZ DIAGRAM

See Attached Diagram

11. REMARKS

1. All users accept responsibility for damage to equipment, property, and/or injury to personnel in and around DZ.
2. Coordinates, elevation data derived from Samsung Galaxy Notepad 2 utilizing ATSK w/o RTK.
 - a. Horizontal margin of error +/-10m meters, Vertical margin of error 1.5 X horizontal error.
 - b. MAGVAR 8.8°W changing 3.2' W per year derived from WMM 2015 as of 31-MAY-2017.
3. Administration / Coordination / Planning / Scheduling Instructions:
 - a. Aircraft should monitor Ft. Bragg range control and Raeford UNICOM Frequencies.
 - 1) Ft. Bragg Range Control: FM 38.90/ 46.75; VHF 139.35; UHF 249.9
 - 2) Raeford UNICOM: VHF 123.0/ 123.5.
 - b. Contact owner (Mr. Johnson) NLT 72 hours prior to DZ operations.
 - c. Contact Range Control (DSN 239-1161) to deconflict with R-5311. Comply with coordinating instructions when airborne.
 - d. Operations in Fort Bragg MOA up to 6,000 MSL should be scheduled and deconflicted with Range Controller at DSN 239-1161/2900 or COMM (910) 432-1161.
4. Surveyor Observed Obstacles/Hazards on and within 1,000 meters of the DZ Boundary (All distances from DZ Centerpoint and headings in Mag. unless otherwise specified)
 - a. Obstacles/Hazards INSIDE DZ
 - 1) 1 to 2 foot shrubs throughout DZ.
 - b. Obstacles/Hazards OUTSIDE DZ
 - 1) 50ft Treeline surrounds DZ.
 - 2) 20ft Tree 195m @ 043°.
 - 3) 20ft Tree 199m @ 039°.
 - 4) 25ft Power lines runs parallel to road North of DZ. (CAUTION: power can not be turned off)
 - 5) Residential Area 15' - 25' buildings 277m @ 216°.
 - 6) 25ft Buildings 291m @ 046°.
 - 7) 30ft Power lines runs parallel to road 716m @ 179°. (CAUTION: Power can not be shut off)
 - 8) 25ft Buildings 414m @ 270°.
 - 9) 10ft Trees 202m @ 167°.
 - 10) 5ft Fence line 187m @ 056°.
 - 11) 20ft Poles with Wires 206m @ 037°.
 - 12) 45ft Tree line 211m @ 325°.
 - 13) 20ft Buildings 503m @ 129°.
5. Surveyor Observed Terrain Obstacles / Hazards:
 - a. NONE
6. Safety of Flight Review:
 - a. SOF Review Reported Obstacles/Hazards (including Rapidly Rising / High Terrain) within 10 NM Radius of the DZ center point:
 - 1) None
 - b. Antenna, Towers or Aerial Cables (10 NM Radius)
 - 1) North: None
 - 2) East: Multiple towers / 381' – 712' MSL / 4 - 10 NM
 - 3) South: 8 x tower / 436' – 1045' MSL / 1.5 - 10 NM
Power lines running E-W - 4NM from DZ southeast and southwest of DZ.
 - 4) West: Multiple towers / 479' – 915' MSL / 2 – 10 NM
 - c. DZ is located within or close proximity to the following airspace.

12. PHOTOGRAPH AVAILABLE

YES NO

LOW LEVEL ROUTES

 NONE AVAILABLE ROUTE NAME/DESIGNATOR

RAEFORD SOUTH CDZ

- 1) Raeford Airport is 0.5 NM Northeast of DZ .
- 2) DZ is within Fort Bragg South Area A MOA Surface to 3,000' MSL /500' AGL – 6,000' MSL
- 3) DZ is within RAEFORD, Class E, Control Zone, 700 AGL-18000 MSL FAYETTEVILLE APP 127.8 Mhz/295.0 Mhz

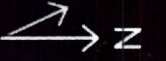
d. Additional Information and Airspace:

- 1) Multiple Airfields within 10 NM north of DZ. Caution: VFR traffic in vicinity of air drop operations.
- 2) R5311A is located 2.4 NM north of DZ.
- 3) Recommend E-W or reciprocal run-ins due to the proximity of R-5311.
- 4) Airways J207, V54 and V296 pass within 10 NM of DZ.

7. Notes:

- a. Random Run-ins approved for MFF operations unless otherwise dictated by ATC.

8.8°W



Raeord South CDZ
17S PU 63888 75354
31 MAY 2017

