



DEPARTMENT OF DEFENSE  
OFFICE OF THE DOD AREA FREQUENCY COORDINATOR  
WHITE SANDS MISSILE RANGE, NEW MEXICO 88002-5526

25 September, 2010

DoD-AFC

MEMORANDUM FOR 781TSTGRP, HOLLOMAN AFB, NM, ATTN: (b) (6)

SUBJECT: Temporary Radio Frequency Authorization (RFA) WS10076 for AEROSTAR Operations by PSL as Sponsored by 781TS/TGRP.

1. Reference e-mail from (b) (6), 23 August 2010, subject: RE: NMSU/TAAC UAS Flight Ops 16-20 August 2010.

2. The following Temporary RFA WS10076, superseding WS90161, is hereby issued, and is authorized through **23 December 2010**.

PART ONE.

005. UE  
010. N  
102. WS10076  
110A. M1250  
110B. M1270  
110C. M1290  
110D. M1300  
110E. M1310  
110F. M1320  
110G. M1350  
110H. M1360  
110I. M1370  
110J. M1380  
110K. M1390  
113. LR  
114. 654KP0N  
115. K1  
116. P  
130. 3  
140. 20100923  
141. 20101223  
144. U  
200. USAF  
203. WS  
207. 46TGPSL UAV

**UNCLASSIFIED/FOUO**

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209. WSMR

300. NM

301. LAS CRUCES IAP

303. 321738N1065456W

306. 50B

340. G,LSDIS

343. J/F 12/06690

345. TS

346. 8

347. 5.556K,6.25K

354. PLNRDPLARRY

357. 21

358. 1353

359. 2

362. R

363. H

400. NM

401. LAS CRUCES IAP

403. 321738N1065456W

440. G,LSDIS

454. PLNRDPLARRY

457. 21

458. 1353

459. 2

462. R

463. H

502. REQUIRED FOR FLIGHT TESTS AND CHECKOUT OF AEROSTAR UAV.

502. AT LAS CRUCES IAP LSDIS RADAR (AN/PPQ-2) WILLBE OPERATED

502. ON THE GROUND AT SE END OF RWY 22 OR AT AEROSTAR HANGAR.

502. LSDIS RECEIVER USES TWO SIDELobe CANCELING ANTENNAS IN

502. ADDITION TO MAIN RADAR ANTENNA RADAR HAS FREQUENCY HOPPING

502. CAPABILITY. USER WILL SCHEDULE AIRSPACE THROUGH FAA ABQ

502. ARTCC AND FAA NOTAM OFFICE.

502. PSL POC IS UAV OPS MGR MR. FORREST CARPENTER, PH (575) 202-2810 (CELL).

503. SCHEDULING REQUIREDD. NIB.

520. NOTIFY DOD AFC WSMR, PH 678-5417, AT LEAST ONE WORKDAY

520. PRIOR TO OPERATION. DOD AFC WILL DECONFLICT OPERATING

520. FREQUENCIES WITH OTHER TEST RANGES IN AREA. A POC MUST BE

520. AVAILABLE DURING OPERATION FOR CEASE EMISSION. SUGGEST AIRPORT

520. MANAGER BE ADVISED WHEN RADAR IS OPERATING.

702. WS10076

803. 46THTEST GP, HAFB, (b) (6), 781TS/TGRP, (b) (6)

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PART TWO - SAME AS PART ONE EXCEPT:

005. UE  
110. M4550  
113. FAD  
114. 20MOF8D  
115. W25  
340. C,B50S4450D  
341. 1  
354. PARABOLIC  
357. 31  
358. 1344  
359. 3  
362. T  
363. V  
440. C,B50S5044D  
454. BLADE  
457. 2  
502. AEROSTAR UAV COMMAND AND CONTROL SYSTEM.  
502. PSL POC IS UAV OPS MGR MR. FORREST CARPENTER, (575) 202-2810  
502. (CELL)

PART THREE - SAME AS PART ONE EXCEPT:

005. UE  
110. M4900  
113. MOEA  
114. 20MOF8D  
115. W25  
306. 100  
340. C,B50S5044D  
354. BLADE  
357. 31  
359. 3  
362. ND  
363. V  
406. \$  
440. C,B50S4450D  
454. PARABOLIC  
457. 2  
502. AEROSTAR UAV TELEMETRY DATA LINK.  
502. PSL POC IS UAV OPS MGR MR. FORREST CARPENTER, PH (575) 202-2810(CELL).  
504. FLL=000,FLT=175  
520. ADD – OPERATIONS MUST BE IN COMPLIANCE WITH THE FAA CERTIFICATE  
520. OF WAIVER OR AUTHORIZATION PROVIDED IN APPENDIX A.

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PART FOUR - SAME AS PART ONE EXCEPT:

005. UE  
110A. M434.525  
110B. M434.680  
113. FAD  
114. 329KOF8D  
115. W10  
340. C,BEREJIKAA00031-449  
341. 1  
354. ROD  
357. 2  
358. 1344  
359. 3  
362. ND  
363. V  
440. C, BEREJIKAA00031-449  
454. BLADE  
457. 2  
502. AEROSTAR BACKUP UAV COMMAND AND CONTROL SYSTEM.  
502. PSL POC IS UAV OPS MGR MR. FORREST CARPENTER, PH (575) 202-2810 (CELL).

PART FIVE - SAME AS PART ONE EXCEPT:

005. UE  
110. M902-928  
113. FL  
114. 230KM7D  
115. WI  
340. C,FREEWAVE FGR-115  
354. WHIP  
357. 0  
362. ND  
363. V  
440. C,FREEWAVE FGR-115  
454. WHIP  
457. 0  
462. ND  
463. V  
502. FREQUENCY HOPPING DATA LINK. BETWEEN LSDIS RADAR AND  
502. MISSION CONTROL STATION.  
502. PSL POC IS UAV OPS MGR MR. FORREST CARPENTER, PH (575) 202-2810 (CELL).

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PART SIX (FOR OPS AT WSMR) - SAME AS PARTS ONE THRU FIVE EXCEPT:

005. UE  
300. NM  
301. WHITESANDS MISSILE RANGE  
303. 330000N1063000W  
306. 85B  
400. NM  
401. WHITESANDS MISSILE RANGE  
403. 330000N1063000W  
502. REQUIRED FOR FLIGHT TESTS AND CHECKOUT OF AEROSTAR UAV.  
502. AREA OF OPERATION IS ON THE GROUND AT STALLION OR CONDRON  
502. AIR FIELDS AND WSMR AIRSPACE AS SCHEDULED. LSDIS RADAR  
502. (AN/PPQ-2) WILL BE OPERATED ON THE GROUND AND HAS  
502. FREQUENCY HOPPING CAPABILITY.  
502. PSL POC IS UAV OPS MGR MR. FORREST CARPENTER, PH (575) 202-2810 (CELL).  
503. SCHEDULING REQUIRED. NIB.  
520. USER MUST SCHEDULE AS PART OF A WSMR RANGE SCHEDULED  
520. MISSION OR BY CONTACTING WSMR FREQUENCY CONTROL,  
520. PH 678-1193, FOR GROND CHECKOUTS AT LEAST ONE WORKDAY PRIOR  
520. TO OPERATION. A CEASE EMISSION POC MUST BE AVAILABLE DURING  
520. ALL OPERATION INCLUDING CHECKOUTS.

PART SEVEN (FOR OPS AT PLAYAS) - SAME AS PARTS ONE THRU FIVE EXCEPT:

005. UE  
300. NM  
301. PLAYAS AIRSTRIP  
303. 315613N1083214W  
306. 3B  
400. NM  
401. PLAYAS AIR STRIP  
403. 330000N1063000W  
502. REQUIRED FOR FLIGHT TESTS AND CHECKOUT OF AEROSTAR UAV.  
502. AREA OF OPERATION IS ON THE GROUND AT PLAYAS AIR STRIP. USER  
502. WILL SCHEDULE AIRSPACE THROUGH FAA ABQ ARTCC AND FAA NOTAM  
502. OFFICE. LSDIS RADAR (AN/PPQ-2) WILL BE OPERATED ON THE  
502. GROUND AND HAS FREQUENCY HOPPING CAPABILITY.  
502. PSL POC IS UAV OPS MGR MR. FORREST CARPENTER, PH (575) 202-2810 (CELL).  
503. SCHEDULING REQUIRED. NIB.  
520. USER MUST SCHEDULE FREQUENCIES BY CONTACTING THE DOD AREA  
520. FREQUENCY COORDINATOR AT WSMR, PH 505-678-5417, AT LEAST  
520. THREE WORKDAYS PRIOR TO PLANNED OPERATION. A CEASE  
520. EMISSION POC MUST BE AVAILABLE DURING OPERATION.

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PART EIGHT (FOR OPS AT GRANT COUNTY AIRPORT) - SAME AS PARTS ONE THRU FIVE EXCEPT:

005. UE  
300. NM  
301. GRANT COUNTY AIRPORT  
303. 323800N1080900W  
306. 3B  
400. NM  
401. GRANT COUNTY AIRPORT  
403. 323800N1080900W  
502. REQUIRED FOR FLIGHT TESTS AND CHECKOUT OF AEROSTAR UAV.  
502. AREA OF OPERATION IS ON THE GROUND AT GRANT COUNTY AIRPORT.  
502. USER WILL SCHEDULE AIRSPACE THROUGH FAA ABQ ARTCC AND FAA  
502. NOTAM OFFICE. LSDIS RADAR (AN/PPQ-2) WILL BE OPERATED ON THE  
502. GROUND, NORTH SIDE OF R/W 8/26 MIDFIELD AND HAS FREQUENCY  
502. HOPPING CAPABILITY.  
502. PSL POC IS UAV OPS MGR MR. FORREST CARPENTER, PH (575) 202-2810 (CELL).  
503. SCHEDULING REQUIRED. NIB.  
520. USER MUST SCHEDULE FREQUENCIES BY CONTACTING THE DOD AREA  
520. FREQUENCY COORDINATOR AT WSMR, PH 505-678-5417, AT LEAST  
520. THREE WORKDAYS PRIOR TO PLANNED OPERATION. A CEASE  
520. EMISSION POC MUST BE AVAILABLE DURING OPERATION. SUGGEST  
520. AIRPORT MANAGER BE ADVISED WHEN RADAR IS OPERATING.

PART NINE (FOR OPS AT ALAMOGORDO AIRPORT) - SAME AS PARTS ONE THRU FIVE EXCEPT:

005. UE  
300. NM  
301. ALAMOGORDO AIRPORT  
303. 325030N1055930W  
306. 3B  
400. NM  
401. ALAMOGORDO AIRPORT  
403. 325030N1055930W  
502. REQUIRED FOR FLIGHT TESTS AND CHECKOUT OF AEROSTAR UAV.  
502. AREA OF OPERATION IS ON THE GROUND AT ALAMOGORDO AIRPORT.  
502. USER WILL SCHEDULE AIRSPACE THROUGH FAA ABQ ARTCC AND FAA  
502. NOTAM OFFICE. LSDIS RADAR (AN/PPQ-2) WILL BE OPERATED ON THE  
502. GROUND, SE SIDE OF R/W 3/21 MIDFIELD, AND HAS FREQUENCY HOPPING  
502. CAPABILITY.  
502. PSL POC IS UAV OPS MGR MR. FORREST CARPENTER, PH (575) 202-2810 (CELL).  
503. SCHEDULING REQUIRED. NIB.

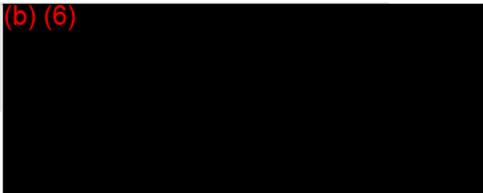
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520. USER MUST SCHEDULE FREQUENCIES BY CONTACTING THE DOD AREA  
520. FREQUENCY COORDINATOR AT WSMR, PH 505-678-5417, AT LEAST  
520. THREE WORKDAYS PRIOR TO PLANNED OPERATION. A CEASE  
520. EMISSION POC MUST BE AVAILABLE DURING OPERATION. SUGGEST  
520. AIRPORT MANAGER BE ADVISED WHEN RADAR IS OPERATING.

3. POC for this assignment is the undersigned at (b) (6).

(b) (6)



CF:

WSMR Frequency Manager  
WSMR Frequency Control  
GAFC (Mr. Higdon)

# **APPENDIX A – COERTIFICATE OF WAIVER OR AUTHORIZATION (COA) FOR AEROSTAR UAV**



2009-CSA-57 Final  
COA 7711-1 Packet N