



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

24 September 2008

DoD-AFC

MEMORANDUM FOR COMMANDER 46THTG, HOLLOMAN AFB, NM, ATTN; (b) (6)

SUBJECT: Temporary Radio Frequency Authorization (RFA) WS80213 for AEROSTAR Operations by PSL on Behalf of 746TSS.

1. Reference:

- a. e-mail from (b) (6) dated Wed 8/13/2008 3:14 PM, Subject Renewal of Aerostar Unmanned Aircraft System (UAS) Frequency Authorization WS70171.
- b. RFA WS70171.

2. The following Temporary RFA WS80213 is authorized through 30 September 2009:

PART ONE.

- 005. UE
- 010. N
- 102. WS80213
- 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. 654KOO PON
- 115. K1
- 116. P
- 130. 3
- 140. 20080901
- 141. 20090831
- 144. U
- 200. USAF
- 203. WS
- 207. 46TGPSL UAV

DoD-AFC

SUBJECT: Temporary Radio Frequency Authorization (RFA) WS80213 for AEROSTAR Operations by PSL on Behalf of 746TSS.

PART ONE (CONT.)

209. WSMR

300. NM

301. LAS CRUCES IAP

303. 321738~1065456W

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. 321738~1065456W

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, (b) (6)

503. SCHEDULING REQD. 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. WS80213

803. 46THTEST GP, HAFB, (b) (6)

DoD-AFC

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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 (b) (6)

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 (b) (6)

DoD-AFC

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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 (b) (6)

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 (b) (6)

DoD-AFC

SUBJECT: Temporary Radio Frequency Authorization (RFA) WS80213 for AEROSTAR Operations by PSL on Behalf of 746TSS.

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 (b) (6)
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 (b) (6)
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.

DoD-AFC

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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 (b) (6)
- 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 (b) (6)
- 503. SCHEDULING REQUIRED. NIB.

DoD-AFC

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PART NINE (CONT.)

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. DOD AFC Office POC is (b) (6)

(b) (6)

CF:

WSMR Frequency Control