



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

DOD-AFC

05 September 2007

EMAIL MEMORANDUM FOR COMMANDER 46<sup>TH</sup> TG, HOLLOMAN AFB, NM, ATTN: (b) (6)

SUBJECT: Temporary Radio Frequency Authorization (RFA) WS70171 for AEROSTAR .

1. Reference:

- a. Your email 29 Aug 2007, subject: Aerostar Frequency Request Renewals
- b. RFA WS60120 dated 17 Aug 2006.

2. The following Temporary RFA WS70171 superseding WS60120 is authorized through 31 Aug 2008.  
PART I OF VII PARTS:

005. UE  
010. N  
102. WS70171  
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. 654K00PON  
115. K1  
116. P  
130. 3  
140. 20070905  
141. 20080831  
144. U  
200. USAF  
203. WS  
207. 46TG PSL UAV  
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) WILL BE OPERATED  
502. ON THE GROUND AT SE END OF RWY 22 OR AT AEROSTAR HANGER.  
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 AVAILABLE  
520. DURING OPERATION FOR CEASE EMISSION. SUGGEST AIRPORT  
520. MANAGER BE ADVISED WHEN RADAR IS OPERATING.  
702. WS70171  
803. 46<sup>TH</sup> TEST GP, HAFB, (b) (6)

PART II SAME AS PART I EXCEPT:

005. UE  
110. M4550  
113. FAD  
114. 20M0F8D  
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.  
502. AEROSTAR UAV COMMAND AND CONTROL SYSTEM.  
502. PSL POC IS UAV OPS MGR (b) (6)

PART III SAME AS PART I EXCEPT:

005. UE  
110. M4900  
113. MOEA  
114. 20M0F8D  
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)

PART IV SAME AS PART I EXCEPT:

005. UE  
110A. M434.525  
110B. M434.680  
113. FAD  
114. 329K0F8D  
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 V SAME AS PART I EXCEPT:

005. UE  
110. M902-928  
113. FL  
114. 230KM7D  
115. W1  
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)

PART VI FOR OPERATIONS AT WSMR SAME AS PARTS I – V 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 REUIRED. 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 VII FOR OPERATIONS AT PLAYAS SAME AS PARTS I – V EXCEPT:

005. UE

300. NM

301. PLAYAS AIR STRIP

303. 315613N1083214W

306. 3B

400. NM

401. PLAYAS AIR STRIP

303. 315613N1083214W

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 REUIRED. 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.

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

CF

WSMR FREQ CTRL

(b) (6)

DOD Area Frequency Coordinator