



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 46TH 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. 654K00P0N
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. 46TH 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