



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

25 March 2010

DOD-AFC

MEMORANDUM FOR 746TSS/XPX, ATTN: (b) (6)

SUBJECT: Temporary Radio Frequency Authorization (RFA) WS10037 in Support of Orbiter UAS Operations in and Around WSMR.

1. Reference your e-mail dated Wed 3/3/2010 8:48 AM, subject; RE: INFO: Extension for 2008-ESA-42 (is actually a CSA COA).
2. The following RFA WS10037, superseding WS80289, is authorized through 31 May 2010, as follows:

PART I OF XI COMMAND AND CONTROL UPLINK:

005. UE  
010. N  
102. WS10037  
110. M434.25  
113. MO  
114. 329K00F2D  
115. W10  
116. M  
130. 3  
140. 20100325  
141. 20100531  
144. U  
300. NM  
301. OROGRANDE BASE CAMP  
303. 322324N10608124W  
306. 9B  
340. C,ING.HORST BECKER MUAV ORBITER (CMD/CTRL UPLINK)  
354. OMNI  
357. 0  
362. ND  
363. V  
400. NM  
401. OROGRANDE BASE CAMP  
403. 322324N1060824W  
440. C,ING.HORST BECKER UHF-RX-PART (MUAV UPLNK RCVR)  
454. OMNI  
457. 0  
462. ND  
463. V

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PART I (CONT)

502. REQUIRED FOR FUTURE ORBITER MICRO UNMANNED AERIAL VEHICLE  
502. (MUAV) TO BE WITHIN THE CONFINES OF FT BLISS TRAINING AREAS.  
502. AREA OF OPERATION IS GND LAUNCH PT AND AIRBORN UP TO 3000  
502. FT AGL WITHIN A 9 KM RADIUS OF LAUNCH PT.  
502. A UHF CMD/CONTROL UPLINK AND A S-BAND VIDEO AND DATA  
502. DOWN LINK WILL BE USED. NMSU/PSL CONTRACTOR ONSITE POC IS  
502. FORREST CARPENTER, PH (575)-202-2810. 746<sup>TH</sup> TSS ONSITE POC IS  
502. (b) (6)  
503. **SCHEDULING REQUIRED. NIB**  
503/2. TRAINING AREA 7B  
503/3. FLL=000,FLT=30  
520. USER MUST SCHEDULE AS PART OF A FT BLISS SCHEDULED MISSION.  
520. THE FT BLISS FREQUENCY MANAGER, PH (915) 568-4886, WILL  
520. DECONFLICT OPERATING FREQUENCIES WITH OTHER USERS USING  
520. IFDS OR OTHER APPROPRIATE MEANS. A CEASE EMISSION POC MUST  
520. BE AVAILABLE ON SITE PRIOR TO ANY CHECKOUTS OR OPERATIONS.  
520. **OPERATION IN NATIONAL AIR SPACE, NAS, REQUIRES APPROVED FAA**  
502. **CERTIFICATE OF AUTHORIZATION, CFA, PRIOR TO OPERATION.**  
702. WS10037  
803. 586 FLTS/DE, (b) (6)

PART II - VIDEO AND DATA DOWN LINK SAME AS PART 1 EXCEPT:

005. UE  
110. M2285.0  
113. M0EB  
114. 20M0F8D  
115. W2.5  
116. M  
340. C,COMMTACT MUAV ORBITER (VIDEO DOWN LINK)  
440. C,COMMTACT MUAV ORBITER (VIDEO DOWN LINK RECEIVER)

PART III OPERATIONS AT MONROE DZ - SAME AS PART I & II EXCEPT:

301./401. MONROE DROP ZONE  
303./403. 321445N1062308  
503/2. TRAINING AREA 4A AND 4B

PART IV OPERATIONS AT STEWART DZ - SAME AS PART I & II EXCEPT:

301./401. STEWART DZ  
303.403. 320658N1063108  
503/2. TRAINING AREA 3B

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PART V OPERATIONS AT AREAS IN NATIONAL AIR SPACE (NAS) AND NOT AT FT BLISS RANGE AREAS ARE THE SAME AS PART I & II EXCEPT:

301./401. STAHMANN AIRSTRIP

303./403. 321039N1064544W

502. REQUIRED FOR FUTURE ORBITER MICRO UNMANNED AERIAL VEHICLE

502. (MUAV) TO BE **OPERATED IN NATIONAL AIR SPACE (NAS)**

502. AREA OF OPERATION IS GND LAUNCH PT AND AIRBORN UP TO 5000

502. FT AGL WITHIN A 20 KM RADIUS OF LAUNCH PT.

502. A UHF CMD/CONTROL UPLINK AND A S-BAND VIDEO AND DATA

502. DOWN LINK WILL BE USED. NMSU/PSL CONTRACTOR ONSITE POC IS

502. FORREST CARPENTER, PH (575)-202-2810. 746<sup>TH</sup> TSS ONSITE POC IS

502. (b) (6)

503. SCHEDULING REQUIRED. NIB

503/2. STAHMANN AIRSTRIP NEAR LAS CRUCES

503/3. FLL=000,FLT=30

520. USER MUST SCHEDULE FREQUENCIES BY CONTACTING THE DOD AFC

520. WSMR, PH (575)-678-5417, AT LEAST ONE WORKDAY PRIOR TO

520. OPERATIONS TO DECONFLICT OPERATING FREQUENCIES WITH OTHER

520. USERS USING IFDS OR OTHER APPROPRIATE MEANS. A CEASE

520. EMISSION POC MUST BE AVAILABLE ON SITE PRIOR TO ANY

520. CHECKOUTS OR OPERATIONS.

520. **THE USER IS RESPONSIBLE FOR COORDINATING AND SCHEDULING ALL**

520. **FLIGHT OPERATIONS IN THE NAS AND MUST NOTIFY THE DOD AFC**

520. **WSMR OF COMPLIANCE PRIOR TO OPERATIONS.**

PART VI – OPERATIONS AT JORNADA RANGE - SAME AS PART VI EXCEPT:

301./401. JORNADA AIRSTRIP

303./403. 323548N1064425W

503/2. JORNADA AIRSTRIP NE OF LAS CRUCES

PART VII – OPERATIONS AT NMSU - SAME AS PART V EXCEPT:

301./402. NMSU RANCH

303./403. 323150N1064816W

503/2. NMSU RANCH NEAR LAS CRUCES

PART VII – OPERATIONS AT PLAYAS - SAME AS PART V EXCEPT:

301./401. PLAYAS AIRSTRIP

303./403. 315608N1083239W

503/2. PLAYAS AIRSTRIP NEAR NM86

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PART IX - OPERATIONS AT WSMR STALLION AAF - SAME AS PART I & II EXCEPT:

301./401. STALLION AAF

303./403. 334908N1062307W

502. REQUIRED FOR FUTURE ORBITER MICRO UNMANNED AERIAL VEHICLE

502. (MUAV) TO BE TESTED AND FLOWN AT AND AROUND WSMR LAUNCH

502. POINTS. AREA OF OPERATION IS GND LAUNCH PT AND AIRBORN UP

502. TO 3000 FT AGL WITHIN A 9 KM RADIUS OF THE LAUNCH PT.

502. A UHF CMD/CONTROL UPLINK AND A S-BAND VIDEO AND DATA

502. DOWN LINK WILL BE USED. NMSU/PSL CONTRACTOR ONSITE POC IS

502. FORREST CARPENTER, PH (505)-202-2810. 746<sup>TH</sup> TSS ONSITE POC IS

502. (b) (6)

503. SCHEDULING REQUIRED. NIB

503/2. STALLION EDGE OF RUNWAY

503/3. FLL=000,FLT=30

520. USER MUST SCHEDULE AS PART OF A WSMR RANGE SCHEDULED MISSION.

520. EQUIPMENT CHECKOUTS MAY BE COORDINATED WITH WSMR FREQUENCY

520. CONTROL, PH 678-1193, WHO WILL DECONFLICT OPERATING FREQUENCIES

520. WITH OTHER USERS USING IFDS OR OTHER APPROPRIATE MEANS. A CEASE

520. EMISSION POC MUST BE AVAILABLE ON SITE PRIOR TO ANY CHECKOUTS OR

520. OPERATIONS.

PART X – OPERATIONS AT WSMR CONDRON AAF - SAME AS PART X EXCEPT:

301./401. CONDRON AAF

303./403. 322029N1062410W

503/2. CONDRON EDGE OF RUNWAY

520. ADD – DUE TO PROXIMITY TO FORT BLISS, AND POSSIBLE EXCURSION INTO

520. FORT BLISS AIRSPACE, WSMR FREQUENCY CONTROL WILL COORDINATE

520. OPERATIONS WITH FORT BLISS FREQUENCY MANAGER.

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

(b) (6)

CF:

WSMR Freq. Control

WSMR Freq. Mgr.

Ft. Bliss Frequency Mgr

GAFC (Mr. Higdon)