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

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. 746TH 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

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. 746TH 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

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. 746TH 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, 575-678-5417/3402.

(b) (6)

CF:
WSMR Freq. Control
WSMR Freq. Mgr.
Ft. Bliss Frequency Mgr
GAFC (Mr. Higdon)