

Radio Frequency Authorization (RFA)

This License expires on: October 9, 2013. For continued use of this equipment, YOU MUST SUBMIT a request to your Frequency Manager 90 days prior to October 9, 2013.

Transmit Antenna Location (301,300) VICTORVILLE, CA	Transmit Coordinates (303) 343551N1172259W	TX Radius (306)
Receive Antenna Location (401,400) VICTORVILLE, CA	Receive Coordinates (403) 343551N1172259W	RX Radius (406) 35 Kilometer(s)
Command Application Number (702)	Serial Number (102) AF 108348	National Authority (103 or 710) J0705439

Supplementary Details - THIS ASSIGNMENT IS FOR CONTINUAL DEVELOPMENT AND OPERATIONAL TESTING UNDER DARPA CONTRACT W911W6-08-D-001 ISO A-160. STOP BUZZER POC (b) (6) [REDACTED] (b) (6) [REDACTED] G [REDACTED] B [REDACTED] EW (b) (6) [REDACTED]. THE A-160 AIRBORNE UAS WILL COMMUNICATE WITH FIXED LOCATION AT

***** U N C L A S S I F I E D *****

01/24/2011

***** U N C L A S S I F I E D *****

SPECIAL HANDLING

Restrictions (500, 501, 520)

VICTORVILLE. FLIGHT AREA AND FLIGHT LEVELS CONDUCTED AT VCV AND R-2515 IAW FAA CERTIFICATE OF WAIVER OR AUTHORIZATION 2008-WSA-77, DATED 18 JUN 2009. SCHEDULING IS REQUIRED WITH DOD WAFC AT LEAST 72 HOURS PRIOR TO INTENDED OPERATIONS. WAFC CONCURS ON NIB, SCHEDULING RQRD PRIOR TO USE, 3 DEC 10, (b) (6), WAFC 470-10.

SPECIAL HANDLING INSTRUCTIONS

Not Releasable outside the US Government IAW Section 552(b)(1) of Title 5 of the US Code.

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Receive Antenna Location (401,400)	Receive Coordinates (403)	RX Radius (406)
VICTORVILLE, CA	343551N1172259W	35 Kilometer(s)
Command Application Number (702)	Serial Number (102)	National Authority (103 or 710)
	AF 108347	J0705438

CO02 - SUBJECT TO COORDINATION WITH THE WESTERN AREA FREQUENCY COORDINATOR LOCATED AT THE NAVY PACIFIC MISSILE TEST CENTER, PT. MUGU, CAL., PRIOR TO USE WITHIN A 322 KILOMETER RADIUS OF PT. MUGU OR IN CALIFORNIA SOUTH OF LATITUDE 37 30' NORTH.

S301 - OPERATIONS UNDER THE AUTHORITY OF THIS ASSIGNMENT A) ARE NOT PROTECTED FROM HARMFUL INTERFERENCE WHICH MAY BE CAUSED BY AUTHORIZED STATIONS OPERATING IN ACCORDANCE WITH THE NATIONAL TABLE OF FREQUENCY ALLOCATIONS AND B) ARE SUBJECT TO IMMEDIATE ADJUSTMENT, INCLUDING CESSATION, IF THEY RESULT IN HARMFUL INTERFERENCE TO AUTHORIZED STATIONS OPERATING IN ACCORDANCE WITH THAT TABLE.

SI44 - THIS ASSIGNMENT IS NOT IN COMPLETE CONFORMITY WITH THE NATIONAL TABLE OF FREQUENCY ALLOCATIONS. THOSE OPERATIONS THAT ARE CONDUCTED UNDER THE NONCONFORMING PORTIONS OF THIS ASSIGNMENT ARE ON A SECONDARY BASIS TO OPERATIONS CONDUCTED UNDER ASSIGNMENTS THAT ARE IN CONFORMITY WITH THE NATIONAL TABLE OF FREQUENCY ALLOCATIONS.

M015,IRAC-31842/2,SPS-12712/3 - THE SYSTEM USING THIS ASSIGNMENT WAS REVIEWED BY THE SPS IN ACCORDANCE WITH CHAPTER 10 AND THE ASSIGNMENT IS BEING MADE SUBJECT TO CONDITIONS STATED IN THE IRAC AND SPS DOCUMENTS REFERENCED IN THE CIRCUIT REMARKS FIELD(*NTS).

(b) (6) [REDACTED] G [REDACTED] [REDACTED] 8 [REDACTED] [REDACTED] EW
(b) (6) . THE A-160 AIRBORNE UAS WILL COMMUNICATE WITH FIXED LOCATION AT

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VICTORVILLE, CA	343551N1172259W	
Receive Antenna Location (401,400)	Receive Coordinates (403)	RX Radius (406)
VICTORVILLE, CA	343551N1172259W	35 Kilometer(s)
Command Application Number (702)	Serial Number (102)	National Authority (103 or 710)
	AF 108346	J0705440

C002 - SUBJECT TO COORDINATION WITH THE WESTERN AREA FREQUENCY COORDINATOR LOCATED AT THE NAVY PACIFIC MISSILE TEST CENTER, PT. MUGU, CAL., PRIOR TO USE WITHIN A 322 KILOMETER RADIUS OF PT. MUGU OR IN CALIFORNIA SOUTH OF LATITUDE 37 30' NORTH.

S301 - OPERATIONS UNDER THE AUTHORITY OF THIS ASSIGNMENT A) ARE NOT PROTECTED FROM HARMFUL INTERFERENCE WHICH MAY BE CAUSED BY AUTHORIZED STATIONS OPERATING IN ACCORDANCE WITH THE NATIONAL TABLE OF FREQUENCY ALLOCATIONS AND B) ARE SUBJECT TO IMMEDIATE ADJUSTMENT, INCLUDING CESSATION, IF THEY RESULT IN HARMFUL INTERFERENCE TO AUTHORIZED STATIONS OPERATING IN ACCORDANCE WITH THAT TABLE.

SI444 - THIS ASSIGNMENT IS NOT IN COMPLETE CONFORMITY WITH THE NATIONAL TABLE OF FREQUENCY ALLOCATIONS. THOSE OPERATIONS THAT ARE CONDUCTED UNDER THE NONCONFORMING PORTIONS OF THIS ASSIGNMENT ARE ON A SECONDARY BASIS TO OPERATIONS CONDUCTED UNDER ASSIGNMENTS THAT ARE IN CONFORMITY WITH THE NATIONAL TABLE OF FREQUENCY ALLOCATIONS.

M015,IRAC-31842/2,SPS-12712/3 - THE SYSTEM USING THIS ASSIGNMENT WAS REVIEWED BY THE SPS
IN ACCORDANCE WITH CHAPTER 10 AND THE ASSIGNMENT IS BEING MADE SUBJECT TO CONDITIONS
STATED IN THE IRAC AND SPS DOCUMENTS REFERENCED IN THE CIRCUIT REMARKS FIELD(*NTS).

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SPECIAL HANDLING

Restrictions (500, 501, 520)

FLIGHT AREA AND FLIGHT LEVELS CONDUCTED AT VCV AND R-2515 IAW FAA CERTIFICATE OF WAIVER OR AUTHORIZATION 2008-WSA-77, DATED 18 JUN 2009. SCHEDULING IS REQUIRED WITH DOD WAFC AT LEAST 72 HOURS PRIOR TO INTENDED OPERATIONS.

SPECIAL HANDLING INSTRUCTIONS

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***** U N C L A S S I F I E D *****

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Radio Frequency Authorization (RFA)

This license is granted pursuant to Chapter 1 Part 1.1 Section 6.i of the NTIA Manual by authority of the Department of Defense US Air Force Frequency Management Agency (AFFMA).

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Frequency (110)	Bandwidth (114)	Emission (114)	Power (115)	TX Equipment (340)
14795 MHz	800.00 kHz	G1D	2 Watt(s)	C,LSCTCDL
	8.00 MHz	G1D	2 Watt(s)	
	21.40 MHz	G1D	2 Watt(s)	
	45.00 MHz	G1D	2 Watt(s)	
	64.00 MHz	G1D	2 Watt(s)	

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Receive Antenna Location (401,400)	Receive Coordinates (403)	RX Radius (406)
VICTORVILLE, CA	343551N1172259W	
Command Application Number (702)	Serial Number (102)	National Authority (103 or 710)
	AF 108345	J0704437

Restrictions (500, 501, 520)

C002 - SUBJECT TO COORDINATION WITH THE WESTERN AREA FREQUENCY COORDINATOR LOCATED AT THE NAVY PACIFIC MISSILE TEST CENTER, PT. MUGU, CAL., PRIOR TO USE WITHIN A 322 KILOMETER RADIUS OF PT. MUGU OR IN CALIFORNIA SOUTH OF LATITUDE 37 30' NORTH.

S145 - THIS FREQUENCY IS SUBJECT TO ADJUSTMENT UPON NOTICE FROM THE MILITARY.

S301 - OPERATIONS UNDER THE AUTHORITY OF THIS ASSIGNMENT A) ARE NOT PROTECTED FROM HARMFUL INTERFERENCE WHICH MAY BE CAUSED BY AUTHORIZED STATIONS OPERATING IN ACCORDANCE WITH THE NATIONAL TABLE OF FREQUENCY ALLOCATIONS AND B) ARE SUBJECT TO IMMEDIATE ADJUSTMENT, INCLUDING CESSATION, IF THEY RESULT IN HARMFUL INTERFERENCE TO AUTHORIZED STATIONS OPERATING IN ACCORDANCE WITH THAT TABLE.

P032 - NONINTERFERENCE BASIS.

S144 - THIS ASSIGNMENT IS NOT IN COMPLETE CONFORMITY WITH THE NATIONAL TABLE OF FREQUENCY ALLOCATIONS. THOSE OPERATIONS THAT ARE CONDUCTED UNDER THE NONCONFORMING PORTIONS OF THIS ASSIGNMENT ARE ON A SECONDARY BASIS TO OPERATIONS CONDUCTED UNDER ASSIGNMENTS THAT ARE IN CONFORMITY WITH THE NATIONAL TABLE OF FREQUENCY ALLOCATIONS.

M014,0130,AGL - DURING TRANSMISSION, AIRCRAFT SHALL NOT EXCEED THE ALTITUDE LISTED IN THE CIRCUIT REMARKS FIELD (*NTS).

M015,IRAC-31842/2,SPS-12712/3 - THE SYSTEM USING THIS ASSIGNMENT WAS REVIEWED BY THE SPS IN ACCORDANCE WITH CHAPTER 10 AND THE ASSIGNMENT IS BEING MADE SUBJECT TO CONDITIONS STATED IN THE IRAC AND SPS DOCUMENTS REFERENCED IN THE CIRCUIT REMARKS FIELD(*NTS).

Supplementary Details - THIS ASSIGNMENT IS FOR CONTINUAL DEVELOPMENT AND OPERATIONAL TESTING UNDER DARPA CONTRACT W911W6-08-D-001 ISO A-160. STOP BUZZER POC (b) (6) [REDACTED]
 (b) (6) [REDACTED] THE A-160 ABN UAS WILL COMMUNICATE WITH FIXED LOCATION AT
 (b) (6) [REDACTED]

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