

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WP9XXX

(Call Sign)

XT FX MO

(Class of Station)

2338-EX-ST-2019

(File Number)

NAME Raytheon Missile Systems

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:
UAV testing and demonstration.

Station Locations

- (1) Edwards AFB (KERN), CA - NL 34-52-42; WL 117-43-52; MOBILE: see exhibit, within 3.2 km, centered around NL 34-52-42; WL 117-43-52

Frequency Information

Edwards AFB (KERN), CA - NL 34-52-42; WL 117-43-52; MOBILE: see exhibit, within 3.2 km, centered around NL 34-52-42; \

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2200-2290 MHz		3M03G1D 6M10G1D 12M1G1D 4M06D1D 8M13D1D 16M3D1D	12 W (ERP)	
2310-2320 MHz		3M03G1D	12 W (ERP)	

This authorization effective February 01, 2020 and
will expire 3:00 A.M. EST April 01, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Edwards AFB (KERN), CA - NL 34-52-42; WL 117-43-52; MOBILE: see exhibit, within 3.2 km, centered around NL 34-52-42; \

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2310-2320 MHz			12 W (ERP)	
		6M10G1D		
		12M1G1D		
		4M06D1D		
		8M13D1D		
		16M3D1D		
2345-2390 MHz			12 W (ERP)	
		3M03G1D		
		6M10G1D		
		12M1G1D		
		4M06D1D		
		8M13D1D		
		16M3D1D		

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (3) Raytheon Missile Systems must notch out 2209 MHz (+/- 2 MHz) in order to protect ongoing operations.
- (4) All operations shall be pre-coordinated with the Department of Defense Western Area Frequency Coordinator and scheduled in the Central Scheduling Enterprise (CSE)/Integrated Frequency Deconfliction System (IFDS) via Edwards Air Force Base prior to operations.
- (5) Raytheon Missile Systems coordinates with the Naval Surface Warfare Center, Dahlgren Division (NSWCDD), group email box; W_DLGR_NSWC_FTMA_FM@navy.mil. Primary frequency coordination contacts; Mr. James Moneyhon, 540-653-3477- james.moneyhon@navy.mil, Mr. A. Jason Verdugo, 540-653-9590 – Anthony.J.Verdugo@navy.mil, and/or Mrs. Lory Santiago, 540-653-0096 – lory.santiago@navy.mil , a minimum of 60-days prior to the flight test, to mitigate harmful interference to Navy/Marine Corps/DoD operations.
- (6) Prior to commencing any operations in WCS frequencies (2305-2320 MHz/2345-2360 MHz), the licensee must obtain consent from the WCS licensee (AT&T).