

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

EXPERIMENTAL

(Nature of Service)

XT FX MO

(Class of Station)

WJ9XVF

(Call Sign)

0685-EX-ST-2016

(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:

Use the radios to test UAS operations. The UASs will all fly below 1000 feet.

Station Locations

- (1) Panama City Beach (BAY), FL - NL 30-11-27; WL 85-47-29
- (2) MOBILE: Panama City Beach, FL, within 11.2 km, centered around NL 29-58-11; WL 85-28-36
- (3) Panama City Beach (BAY), FL - NL 30-10-18; WL 85-04-19

Frequency Information

Panama City Beach (BAY), FL - NL 30-11-27; WL 85-47-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2377 MHz	FX	3M85G1D 4M06D1D 7M70G1D 8M13D1D 15M4G1D 16M3D1D	10 W (ERP)	

This authorization effective July 01, 2016 and
will expire 3:00 A.M. EST October 16, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Panama City Beach (BAY), FL - NL 30-11-27; WL 85-47-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2377 MHz	FX	32M5D1D	10 W (ERP)	

MOBILE: Panama City Beach, FL, within 11.2 km, centered around NL 29-58-11; WL 85-28-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2377 MHz	MO	3M85G1D	10 W (ERP)	
		4M06D1D		
		7M70G1D		
		8M13D1D		
		15M4G1D		
		16M3D1D		
		32M5D1D		

Panama City Beach (BAY), FL - NL 30-10-18; WL 85-04-19

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2377 MHz	FX	3M85G1D	10 W (ERP)	
		4M06D1D		
		7M70G1D		
		8M13D1D		
		15M4G1D		
		16M3D1D		
		32M5D1D		

Special Conditions:

- (1) 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.

Special Conditions:

- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) The stop buzzer Thomas J. Fagan, Spectrum Manager, 520-794-0227 (office) 520-465-7087 (cell), tjfagan@raytheon.com must be available at all times during transmission to mitigate any interference that may be caused.
- (4) Operations must be scheduled / coordinated thru Eglin and with Mr. George Covington at 850-283-4764, Tyndall AFB, FL.