

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

EXPERIMENTAL

(Nature of Service)

WK9XHB

(Call Sign)

XT FX MO

(Class of Station)

1245-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:

testing of UAS systems integrating new radios

Station Locations

- (1) Florence (PINAL), AZ - NL 33-04-29; WL 111-22-12
- (2) MOBILE: Florence, AZ, within 9.6 km, centered around NL 33-04-29; WL 111-22-12

Frequency Information

Florence (PINAL), AZ - NL 33-04-29; WL 111-22-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
351 MHz	FX	280KF1D 480KF1D	12.162 W (ERP)	
362.25 MHz	FX	280KF1D 480KF1D	12.162 W (ERP)	

This authorization effective October 01, 2016 and
will expire 3:00 A.M. EST March 21, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Florence, AZ, within 9.6 km, centered around NL 33-04-29; WL 111-22-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
351 MHz	MO	280KF1D 480KF1D	2 W (ERP)	
362.25 MHz	MO	280KF1D 480KF1D	2 W (ERP)	

Special Conditions:

- (1) Raytheon must adhere to the SPS certification thru their DOD sponsor for the associated Microhard System (MHX320 and n320F).
- (2) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered.
- (3) Stop buzzer POC is Thomas J. Fagan at (520) 465-7087 and (520) 794-0227.