

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

EXPERIMENTAL

(Nature of Service)

WQ9XXW

(Call Sign)

XT FX MO

(Class of Station)

1562-EX-ST-2020

(File Number)

NAME Raytheon Company (Missiles and Defense - M)

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:

Test UAV performance

Station Locations

- (1) MOBILE: Wallops Island, VA, within 50 km, centered around NL 37-52-54; WL 75-26-15
- (2) Wallops Island (ACCOMACK), VA - NL 37-52-54; WL 75-26-15

Frequency Information

MOBILE: Wallops Island, VA, within 50 km, centered around NL 37-52-54; WL 75-26-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1362 MHz	MO	20M0D1D 20M0G1D	6 W (ERP)	
1377 MHz	MO	20M0D1D 20M0G1D	6 W (ERP)	

This authorization effective November 15, 2020 and
will expire 3:00 A.M. EST May 10, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Wallops Island, VA, within 50 km, centered around NL 37-52-54; WL 75-26-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1395 MHz	MO	20M0D1D 20M0G1D	6 W (ERP)	

Wallops Island (ACCOMACK), VA - NL 37-52-54; WL 75-26-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1362 MHz	FX	20M0D1D 20M0G1D	49 W (ERP)	
1377 MHz	FX	20M0D1D 20M0G1D	49 W (ERP)	
1395 MHz	FX	20M0D1D 20M0G1D	49 W (ERP)	

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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Stop Buzzer Point of Contact is Jim Ortega at (520) 794-0227.
- (4) All operations shall be coordinated with the NASA Wallops Flight Facility Spectrum Manager, Felipe Arroyo at 757-824-1623 or Felipe.Arroyo-1@nasa.gov, at least 3 days prior to operation.
- (5) Transmissions using a frequency of 1395 MHz shall be excluded from operation, as airborne emissions in the 1390-1400 MHz frequency band are prohibiting in accordance with Footnote US79 and all emissions in the 1400-1427 MHz band are prohibited in accordance with Footnote US246.

Special Conditions:

- (6) 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.