

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

EXPERIMENTAL

(Nature of Service)

XC FX MO

(Class of Station)

WR9XID

(Call Sign)

1572-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:

Demonstration of UAV platform

Station Locations

- (1) MOBILE: Patuxent, MD, within 25 km, centered around NL 38-16-56; WL 76-24-45
- (2) Patuxent (ST MARYS), MD - NL 38-16-56; WL 76-24-45

Frequency Information

MOBILE: Patuxent, MD, within 25 km, centered around NL 38-16-56; WL 76-24-45

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

This authorization effective November 30, 2020 and
will expire 3:00 A.M. EST March 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Patuxent (ST MARYS), MD - NL 38-16-56; WL 76-24-45

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

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 must provide notification to the MIDLANTAFC office at least 5 days, but no later than 3 days, prior to planned operations. Notification must include Government POC, planned operating location, planned operating frequency, and a STOP BUZZER POC name and telephone # (land line and/or cell phone) that can cease operations of the Raytheon Coyote UAS if it is deemed to be causing harmful or degrading EMI to existing USN operations. Please reference FCC STA 1572-EX-ST-2020 when coordinating with the MIDLANTAFC office:

Middle Atlantic Area Frequency Coordination Office
MIDLANTAFC
23013 CEDAR POINT RD
BLDG 2118
PATUXENT RIVER, MD 20670
scott.hoschar@navy.mil
robert.n.goddard@navy.mil
shauntrea.landrum.ctr@navy.mil
midlantaftc_paxriver@navy.mil

- (4)
 - a. NTIA non-concurs with all operations beyond 28 February 2021 due to potential interference with previously planned federal operations in the requested area.
 - b. NTIA non-concurs with 1362 MHz due to emissions overlap and possible RLOS interference with FAA operations.
 - c. NTIA non-concurs with 1395 MHz as airborne emissions in the 1390-1400 MHz frequency band are prohibited in accordance with Footnote US79.