

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

EXPERIMENTAL

(Nature of Service)

WP9XIY

(Call Sign)

XT MO

(Class of Station)

1829-EX-ST-2019

(File Number)

NAME Xwing

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:

Grant of the instant request for STA for the 2.2GHz and 2.3GHz bands would serve the public interest by enabling Xwing to experiment with hardware and software solutions to support

Station Locations

- (1) MOBILE: Within the requested radius, within 193 km, centered around NL 37-56-59; WL 121-14-34

Frequency Information

MOBILE: Within the requested radius, within 193 km, centered around NL 37-56-59; WL 121-14-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2370-2390 MHz	MO	20M0D7W	10 W (ERP)	0.002 %

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) Prior to commencing any operations in Aeronautical and Fixed frequencies (2360-2395 MHz), the applicant must coordinate with the Aerospace and Flight Test Radio Coordinating Council (AFTRCC).

This authorization effective November 01, 2019 and
will expire 3:00 A.M. EST December 01, 2019

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COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) Xwing may not operate in the 2200 - 2290 MHz band in order to avoid interference to operations in the requested area.
- (4) Xwing must coordinate with the Naval Surface Warfare Center, Dahlgren Division (NSWCDD), Mr. James Moneyhon, (540) 653-3477, or james.moneyhon@navy.mil, a minimum of 60-days prior to any operations, to mitigate harmful interference to Navy and Marine Corps operations. Xwing must also comply with any and all restrictions that may be levied by the Naval Surface Warfare Center, Dahlgren Division (NSWCDD).