

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

EXPERIMENTAL

(Nature of Service)

WQ9XQF

(Call Sign)

XT MO

(Class of Station)

0938-EX-ST-2020

(File Number)

NAME Lockheed Martin Corporation

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:

The radio testing will evaluate advanced algorithms for airborne platforms for suitability for use on the Office of Naval Research (ONR) Long Endurance AOEW Platform (LEAP) Program.

Station Locations

- (1) MOBILE: Orlando, FL, within 1 km, centered around NL 28-26-30; WL 81-27-25
- (2) MOBILE: Orlando, FL, within 3 km, centered around NL 28-22-15; WL 81-04-40

Frequency Information

MOBILE: Orlando, FL, within 1 km, centered around NL 28-26-30; WL 81-27-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2020-2080 MHz	MO	59M0G1D	600 mW (ERP)	0.001 %
3320-3380 MHz	MO	59M0G1D	600 mW (ERP)	0.001 %
4471-4531 MHz	MO	59M0G1D	600 mW (ERP)	0.001 %

This authorization effective July 20, 2020 and
will expire 3:00 A.M. EST January 14, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



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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) Lockheed Martin Corporation shall provide a stop buzzer name, phone number, and email to jimmy.nguyen@us.af.mil and jason.chabot@hq.dhs.gov
- (4) The 2220-2270 MHz frequency band shall be excluded from operations.
- (5) No transmissions below 3400 MHz
- (6) No transmissions below 4500 MHz