

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

EXPERIMENTAL

(Nature of Service)

WR9XEJ

(Call Sign)

XT FX MO

(Class of Station)

1523-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:

Applicant will be testing UAS sensor capabilities. Operations will be conducted at an altitude not to exceed 400 feet.

Station Locations

- (1) Arlington (ARLINGTON), VA - NL 38-53-47; WL 77-04-14; MOBILE: Arlington, VA, within 0.8 km, centered around NL 38-53-47; WL 77-04-14

Frequency Information

Arlington (ARLINGTON), VA - NL 38-53-47; WL 77-04-14; MOBILE: Arlington, VA, within 0.8 km, centered around NL 38-53-4

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5250-5600 MHz	MO	60M0W9W	100 W (ERP)	
5250-5600 MHz	FX	60M0W9W	100 W (ERP)	
5650-6000 MHz	FX	60M0W9W	100 W (ERP)	

This authorization effective November 05, 2020 and
will expire 3:00 A.M. EST November 28, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Arlington (ARLINGTON), VA - NL 38-53-47; WL 77-04-14; MOBILE: Arlington, VA, within 0.8 km, centered around NL 38-53-4

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5650-6000 MHz	MO	60M0W9W	100 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) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (5) Lockheed Martin POC/user Ryan Terry contact Mr. Clifford Smith at 321-626-4824 prior to transmitting to minimize the potential of interference.
- (6) Prior to commencing any operations in the 5925-6000 MHz frequency band, Lockheed Martin Corporation must notify the licensees listed below of its test dates and provide a stop buzzer in case of interference:
Name: Intelsat License LLC Phone Number: 703-559-7848
Fax Number: 703-559-8539
E-Mail: susan.crandall@intelsat.com
Attention: Susan H Crandall
Name: Jennifer D. Hindin Phone Number: 202-719-4975
Company: Wiley Rein LLP Fax Number: 202-719-7049
E-Mail: jhindin@wileyrein.com
Relationship: Legal Counsel
- (7) Operation is not permitted in 5600-5650 MHz band.
- (8) Lockheed Martin Corporation must provide a STOP BUZZER POC name and telephone # at least 3 days prior to the planned operations to Middle Atlantic Area Frequency Coordination Office: (301) 342-9549, (301) 342-1194, scott.hoschar@navy.mil robert.n.goddard@navy.mil shauntrea.landrum.ctr@navy.mil midlantaafc_paxriver@navy.mil