

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

XC FX MO

(Class of Station)

WF2XSE

(Call Sign)

0587-EX-CR-2020

(File Number)

NAME Lockheed Martin Corporation

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(c) of the Commission's Rules

Station Locations

- (1) Syracuse (ONONDAGA), NY - NL 43-06-47; WL 76-11-29
- (2) MOBILE: Syracuse (ONONDAGA), NY, within 1 km, centered around NL 43-06-43; WL 76-11-18

Frequency Information

Syracuse (ONONDAGA), NY - NL 43-06-47; WL 76-11-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1271-1279 MHz	FX	0H00N0N	3.16 W (ERP)	
1363-1381 MHz	FX	0H00N0N	3.16 W (ERP)	

This authorization effective November 01, 2020 and
will expire 3:00 A.M. EST November 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Syracuse (ONONDAGA), NY, within 1 km, centered around NL 43-06-43; WL 76-11-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1271-1279 MHz	MO	0H00N0N	0.2 W (ERP)	
1363-1381 MHz	MO	0H00N0N	0.2 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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) 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.
- (4) Assignment on 1030 MHz or in one of the bands 1215-1400, 2700-2900, or 9000-9200 MHz was coordinated prior to authorization with the FAA Eastern Coordinator, New York, NY. Use of frequencies under the authority of this assignment is subject to such further coordination with the FAA Eastern Coordinator, New York, NY, as necessary to ensure compatibility with existing uses.
- (5) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by the U.S. Government Contract Numbers: FA8730-20-C-0008; and Foreign Contract Numbers: PO 4291, 173/AHM/FRA/2019, 02/755/2017, 02/757/2017, 02/924/2019, 02/960/2019, 1366/293/DGDP/PC-5. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.
- (6) Pulse Repetition Rate = 0 , and Pulse Duration = 2.0
- (7) Operations on 1271-1279 MHz will be in accordance with the following:
TRANSMISSIONS ARE REQUIRED TO BE BLANKED BETWEEN 2-12 DEG, and 177-187 DEG, and 241-251 DEG REF TO TRUE NORTH.
- (8) Operations on 1363-1381 MHz will be in accordance with the following:
TRANSMISSIONS ARE REQUIRED TO BE BLANKED BETWEEN 2-12 DEG, and 97-107 DEG, and 177-187 DEG REF TO TRUE NORTH.