

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

EXPERIMENTAL

(Nature of Service)

WH2XMZ

(Call Sign)

XC FX MO

(Class of Station)

0527-EX-CR-2018

(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) South Syracuse (MADISON), NY - NL 42-55-37; WL 75-55-27; MOBILE: South Syracuse, NY, within 0.5 km

Frequency Information

South Syracuse (MADISON), NY - NL 42-55-37; WL 75-55-27; MOBILE: South Syracuse, NY, within 0.5 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1030 MHz	FX	6M66M1D	27 kW (ERP)	
1030 MHz	MO	6M66M1D	27 kW (ERP)	

Special Conditions:

- (1) 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.
- (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.

This authorization effective January 01, 2019 and
will expire 3:00 A.M. EST January 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) 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: M67854-10-D-2200, W25G1V-14-C-0016, M67854-07-C-2051, M67854-15-D-6004, M67854-16-C-6005. 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.
- (5) Operations on 1030 MHz will be in accordance with the following restrictions:
 - a) PRR = 175 pps
 - b) Pulse Duration = FX 0.8 usec
 - c) Only modes 1,2,3A and C are allowed
 - d) Transmission from 40-95 degrees and 105-160 degrees only reference to True North.