

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

EXPERIMENTAL

(Nature of Service)

WH2XOB

(Call Sign)

XC FX MO

(Class of Station)

0840-EX-PL-2014

(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) Owego (TIOGA), NY - NL 42-06-08; WL 76-13-20; MOBILE: Owego, NY, within 161 km, centered around NL 42-06-08; WL 76-13-20

Frequency Information

Owego (TIOGA), NY - NL 42-06-08; WL 76-13-20; MOBILE: Owego, NY, within 161 km, centered around NL 42-06-08; WL 76

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.1835 MHz	MO	3K00F3E 3K00J3E	100 W (ERP)	
3.8515 MHz	MO	3K00F3E 3K00J3E	100 W (ERP)	
5.969 MHz	MO	3K00F2E 3K00J3E 3K00J3E	100 W (ERP)	

This authorization effective January 05, 2015 and
will expire 3:00 A.M. EST January 01, 2017

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Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.969 MHz	MO	3K00J3E	100 W (ERP)	
7.6665 MHz	MO	3K00F3E 3K00J3E	100 W (ERP)	
11.175 MHz	MO	3K00F3E 3K00F3E 3K00J3E	100 W (ERP)	
11.2185 MHz	MO	3K00F3E 3K00J3E	100 W (ERP)	
29.9999 MHz	MO	3K00J3E	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) Due to anticipated harmful interferences operation is not permitted in frequencies: 3.494, 8.864, 15, 20 and 25 (all in MHz).
- (3) 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 number N00019-09-G-0005-4085. 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.
- (4) Antenna above ground level not to exceed 3000 ft.