

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

EXPERIMENTAL

(Nature of Service)

XC FX MO

(Class of Station)

WF2XWT

(Call Sign)

0376-EX-PL-2011

(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(b) of the Commission's Rules

Station Locations

(1) Bithlo (ORANGE), FL - NL 28-22-38; WL 81-04-56; MOBILE: , within 1 km

Frequency Information

Bithlo (ORANGE), FL - NL 28-22-38; WL 81-04-56; MOBILE: , within 1 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5003.921569 MHz	FX	116MP0N	2.74 MW (ERP)	
5007.874016 MHz	FX	116MP0N	2.72 MW (ERP)	
5019.607843 MHz	FX	116MP0N	2.7 MW (ERP)	
5035.294118 MHz	FX	116MP0N	2.69 MW (ERP)	

This authorization effective January 17, 2012 and
will expire 3:00 A.M. EST December 01, 2013

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Bithlo (ORANGE), FL - NL 28-22-38; WL 81-04-56; MOBILE: , within 1 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5039.370079 MHz	FX	116MP0N	2.66 MW (ERP)	
5050.980392 MHz	FX	116MP0N	2.63 MW (ERP)	
5066.666667 MHz	FX	116MP0N	2.6 MW (ERP)	
5070.866142 MHz	FX	116MP0N	2.57 MW (ERP)	
5102.362205 MHz	FX	116MP0N	2.48 MW (ERP)	
5113.72549 MHz	FX	116MP0N	2.49 MW (ERP)	
5129.411765 MHz	FX	116MP0N	2.5 MW (ERP)	
5133.858268 MHz	FX	116MP0N	2.5 MW (ERP)	
5145.098039 MHz	FX	116MP0N	2.51 MW (ERP)	
5160.784314 MHz	FX	116MP0N	2.58 MW (ERP)	

Frequency Information

Bithlo (ORANGE), FL - NL 28-22-38; WL 81-04-56; MOBILE: , within 1 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5165.354331 MHz	FX	116MP0N	2.61 MW (ERP)	
5176.470588 MHz	FX	116MP0N	2.65 MW (ERP)	
5192.156863 MHz	FX	116MP0N	2.7 MW (ERP)	
5196.850394 MHz	FX	116MP0N	2.76 MW (ERP)	
5207.843137 MHz	FX	116MP0N	2.81 MW (ERP)	
5223.529412 MHz	FX	116MP0N	2.74 MW (ERP)	
5228.346457 MHz	FX	116MP0N	2.71 MW (ERP)	
5239.215686 MHz	FX	116MP0N	2.67 MW (ERP)	

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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) Subject to prior coordination with the FAA southern regional office, PO Box 20636, Atlanta, GA 30344, Attn: Frequency Management Office: 404-763-7385/6

Special Conditions:

- (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 number FA8682-10-C-0016. 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