

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

EXPERIMENTAL

(Nature of Service)

XC FX

(Class of Station)

WF2XXV

(Call Sign)

0435-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

Frequency Information

Bithlo (ORANGE), FL - NL 28-22-38; WL 81-04-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
10614.173228 MHz	FX	116MP0N	12.9 MW (ERP)	
10619.607843 MHz	FX	116MP0N	12.9 MW (ERP)	
10700-11700 MHz	FX	116MP0N	12.9 MW (ERP)	
11700-12000 MHz	FX	116MP0N 116MP0N	12.9 MW (ERP)	

This authorization effective October 21, 2011 and
will expire 3:00 A.M. EST November 01, 2013

**FEDERAL
COMMUNICATIONS
COMMISSION**



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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) Due to harmful interference to the FAA operations no transmission permitted in the band 7942-8544 MHz.
- (5) No pulsed transmissions (P0N) allowed in the band 10000-10550 MHz.
- (6) In accordance with US246, operations are not permitted on spot frequencies from 10.635-10.698 GHz due to the 116 MHz emission bandwidth extending into the 10.68-10.7 GHz band.
- (7) 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.
- (8) In accordance with the FCC CFR 47, Part 25 and Part 101, licensee is required to prior coordinate operations with affected existing and future licensees in the area to avoid interference.