

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

EXPERIMENTAL

(Nature of Service)

XC FX

(Class of Station)

WF2XXA

(Call Sign)

0458-EX-CR-2017

(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) 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 (+/-)
2730.15873 MHz	FX	116MP0N	2.15 MW (ERP)	
2740.15748 MHz	FX	116MP0N	2.17 MW (ERP)	
2755.905512 MHz	FX	116MP0N	2.17 MW (ERP)	
2761.904762 MHz	FX	116MP0N	2.18 MW (ERP)	

This authorization effective January 01, 2018 and
will expire 3:00 A.M. EST January 01, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2771.653543 MHz	FX	116MP0N	2.2 MW (ERP)	
2787.401575 MHz	FX	116MP0N	2.21 MW (ERP)	
2793.650794 MHz	FX	116MP0N	2.22 MW (ERP)	
2803.149606 MHz	FX	116MP0N	2.23 MW (ERP)	
2818.897638 MHz	FX	116MP0N	2.23 MW (ERP)	
2825.396825 MHz	FX	116MP0N	2.23 MW (ERP)	
2834.645669 MHz	FX	116MP0N	2.23 MW (ERP)	
2850.393701 MHz	FX	116MP0N	2.24 MW (ERP)	
2857.142857 MHz	FX	116MP0N	2.25 MW (ERP)	
2866.141732 MHz	FX	116MP0N	2.26 MW (ERP)	

Frequency Information

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2881.889764 MHz	FX	116MP0N	2.28 MW (ERP)	
2888.888889 MHz	FX	116MP0N	2.3 MW (ERP)	
2897.637795 MHz	FX	116MP0N	2.32 MW (ERP)	

Special Conditions:

- (1) Assignment in frequency bands 960-1400, 2700-2900, or 9000-9200 MHz was coordinated prior to authorization with the FAA Southern Coordinator, Atlanta, GA. Use of frequencies under the authority of this assignment is subject to such further coordination with the FAA Southern Coordinator, Atlanta, GA, as necessary to ensure compatibility with existing uses.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) Pulse Repetition Rate = 70k pps
Pulse Duration = 0.055 usec
- (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 FA8682-10-C-0016 and HR0011-09-C-0096. 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) The direction of radiation is 147 degrees reference to True North (TN).