

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

EXPERIMENTAL

(Nature of Service)

WF2XSG

(Call Sign)

XD FX MO

(Class of Station)

0130-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(i) of the Commission's Rules

Station Locations

- (1) Fort Worth (TARRANT), TX - NL 32-46-57; WL 97-26-48; MOBILE: Fort Worth(TARRANT), TX, within 240 km, centered around NL 32-46-57; WL 97-26-48
- (2) MOBILE: Fort Worth(TARRANT), TX, within 240 km, centered around NL 32-46-23; WL 97-26-54
- (3) MOBILE: Eglin AFB(OKALOOSA), FL, within 240 km, centered around NL 30-28-31; WL 86-30-50
- (4) MOBILE: Edwards AFB(LOS ANGELES), CA, within 240 km, centered around NL 34-54-52; WL 117-54-46
- (5) MOBILE: Patuxent(FREDRICK), MD, within 240 km, centered around NL 38-17-09; WL 76-24-31

Frequency Information

Fort Worth (TARRANT), TX - NL 32-46-57; WL 97-26-48; MOBILE: Fort Worth(TARRANT), TX, within 240 km, centered around

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1850 MHz	FX	18M5F1D	6.25 W (ERP)	
1710-1850 MHz	MO	18M5F1D	6.25 W (ERP)	

This authorization effective August 05, 2011 and
will expire 3:00 A.M. EST August 01, 2013

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Fort Worth(TARRANT), TX, within 240 km, centered around NL 32-46-23; WL 97-26-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1850 MHz	MO	18M5F1D	6.25 W (ERP)	

MOBILE: Eglin AFB(OKALOOSA), FL, within 240 km, centered around NL 30-28-31; WL 86-30-50

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1850 MHz	MO	18M5F1D	6.25 W (ERP)	

MOBILE: Edwards AFB(LOS ANGELES), CA, within 240 km, centered around NL 34-54-52; WL 117-54-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1850 MHz	MO	18M5F1D	6.25 W (ERP)	

MOBILE: Patuxent(FREDRICK), MD, within 240 km, centered around NL 38-17-09; WL 76-24-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1850 MHz	MO	18M5F1D	6.25 W (ERP)	

Special Conditions:

- (1) All operations subject to prior coordination with Area Frequency Coordinator Pacific Missile Range, Point Mugu, California: (805) 989-7983.
- (2) Operation in the 1710-1755 or 2110-2155 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.
- (3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.

Special Conditions:

- (4) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (5) All operations subject to prior coordination with Area Frequency Coordinator located at the Naval Air Warfare Center, Aircraft Division, Patuxent River, MD. Prior to use within the area enclosed by 100 kilometers radius of HQ building.
- (6) MAXIMUM AGL 6100 METERS.