

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

EXPERIMENTAL

(Nature of Service)

WD2XFW

(Call Sign)

XE FX MO

(Class of Station)

0046-EX-RR-2010

(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) MARIETTA (COBB), GA - NL 33-54-41; WL 84-31-03; MOBILE: MARIETTA (COBB), GA, within 200 km, centered around NL 33-54-41; WL 84-31-03
- (2) GREENVILLE (GREENVILLE), SC - NL 34-43-08; WL 82-22-43; MOBILE: GREENVILLE (GREENVILLE), SC, within 200 km, centered around NL 34-43-08; WL 82-22-43
- (3) FORT WORTH (TARRANT), TX - NL 32-46-54; WL 97-26-53; MOBILE: FORT WORTH (TARRANT), TX, within 200 km, centered around NL 32-46-54; WL 97-26-53
- (4) PALMDALE (LOS ANGELES), CA - NL 34-34-04; WL 118-15-29; MOBILE: PALMDALE (LOS ANGELES), CA, within 200 km, centered around NL 34-34-04; WL 118-15-29

Frequency Information

MARIETTA (COBB), GA - NL 33-54-41; WL 84-31-03; MOBILE: MARIETTA (COBB), GA, within 200 km, centered around NL

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
123.1583 MHz	MO	6K00A3E	50 W (Output Power)	
123.1583 MHz	FX	6K00A3E	50 W (Output Power)	

This authorization effective April 01, 2010 and
will expire 3:00 A.M. EST April 01, 2012

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MARIETTA (COBB), GA - NL 33-54-41; WL 84-31-03; MOBILE: MARIETTA (COBB), GA, within 200 km, centered around NL

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
123.3333 MHz	MO	6K00A3E	50 W (Output Power)	
123.3333 MHz	FX	6K00A3E	50 W (Output Power)	

GREENVILLE (GREENVILLE), SC - NL 34-43-08; WL 82-22-43; MOBILE: GREENVILLE (GREENVILLE), SC, within 200 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
123.1583 MHz	MO	6K00A3E	50 W (Output Power)	
123.1583 MHz	FX	6K00A3E	50 W (Output Power)	
123.3333 MHz	MO	6K00A3E	50 W (Output Power)	
123.3333 MHz	FX	6K00A3E	50 W (Output Power)	

FORT WORTH (TARRANT), TX - NL 32-46-54; WL 97-26-53; MOBILE: FORT WORTH (TARRANT), TX, within 200 km, cen

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
123.1583 MHz	MO	6K00A3E	50 W (Output Power)	

Frequency Information

FORT WORTH (TARRANT), TX - NL 32-46-54; WL 97-26-53; MOBILE: FORT WORTH (TARRANT), TX, within 200 km, cen

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
123.1583 MHz	FX	6K00A3E	50 W (Output Power)	
123.3333 MHz	MO	6K00A3E	50 W (Output Power)	
123.3333 MHz	FX	6K00A3E	50 W (Output Power)	

PALMDALE (LOS ANGELES), CA - NL 34-34-04; WL 118-15-29; MOBILE: PALMDALE (LOS ANGELES), CA, within 200 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
123.1583 MHz	MO	6K00A3E	50 W (Output Power)	
123.1583 MHz	FX	6K00A3E	50 W (Output Power)	
123.3333 MHz	MO	6K00A3E	50 W (Output Power)	
123.3333 MHz	FX	6K00A3E	50 W (Output Power)	

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.

Special Conditions:

- (3) This frequency assignment in one of the bands 123.1125-123.5875 MHz or 1435-1535 MHz or 2310-2390 MHz was coordinated prior to authorization with the Mid-Atlantic Area Frequency Coordinator (AFC), Patuxent River, MD, who also coordinated it, as appropriate, with the Aerospace and Flight Test Radio Coordinating Council. Use of this frequency under the authority of this assignment is subject to such further coordination with the AFC as necessary to ensure compatibility with existing uses.