

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

EXPERIMENTAL

(Nature of Service)

WD2XYQ

(Call Sign)

XD FX MO

(Class of Station)

0225-EX-RR-2008

(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) Marietta (COBB), GA - NL 33-54-24; WL 84-31-09; MOBILE: Marietta (COBB), GA, 20000 feet MSL, within 320 km, centered around NL 33-54-24; WL 84-31-09

Frequency Information

Marietta (COBB), GA - NL 33-54-24; WL 84-31-09; MOBILE: Marietta (COBB), GA, 20000 feet MSL, within 320 km, centered

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1450.5 MHz	MO	15M0F9D	20 W (ERP)	
1450.5 MHz	FX	15M0F9D	20 W (ERP)	
1480.5 MHz	MO	15M0F9D	20 W (ERP)	
1480.5 MHz	FX	15M0F9D	20 W (ERP)	

This authorization effective December 05, 2008 and
will expire 3:00 A.M. EST December 05, 2010

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) This frequency assignment in one of the bands 1435-1525, 2310-2320 and 2345-2390 MHz was coordinated prior to authorization with the HQ USAF Frequency Coordinator, Alexandria, VA., 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 HQ USAF Frequency Coordinator, Alexandria, VA., as necessary to ensure compatibility with existing uses.
- (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) Operations must be scheduled a minimum of 24 hours prior to flight testing with the Elgin Frequency Control Analysis (FCA) office at 850-882-5330 (DSN 872-). The following Gulf Area Frequency Coordinator tracking number applies: GAFC 06-1169.
- (5) Operations must be coordinated 48 hours prior to testing with Marty Helfrich of the Air Force Material Command at 937-257-5838.
- (6) Prior to testing the Lockheed Martin Corporation needs to coordinate with DoD Gulf Area Frequency Coordinator Joe Giangrosso or Tom Grimalde at 850-882-4416.