

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

EXPERIMENTAL

(Nature of Service)

XC MO

(Class of Station)

WH2XAX

(Call Sign)

0087-EX-PL-2014

(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) MOBILE: Grand Prairie, TX, within 2 km, centered around NL 32-43-03; WL 97-01-42
- (2) MOBILE: Camp Grayling, MI, within 3.5 km, centered around NL 44-43-08; WL 84-36-17
- (3) MOBILE: Fort Benning, GA, within 5 km, centered around NL 32-22-12; WL 84-48-17
- (4) MOBILE: Littleton, CO, within 10 km, centered around NL 39-32-32; WL 105-02-17
- (5) MOBILE: Fort Hood, TX, within 2 km, centered around NL 31-07-49; WL 97-46-49
- (6) MOBILE: Fort Carson, CO, within 2 km, centered around NL 38-44-36; WL 104-47-16

Frequency Information

MOBILE: Grand Prairie, TX, within 2 km, centered around NL 32-43-03; WL 97-01-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2375 MHz	MO	4M06D1D	2 W (ERP)	

This authorization effective March 31, 2014 and
will expire 3:00 A.M. EST April 01, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Camp Grayling, MI, within 3.5 km, centered around NL 44-43-08; WL 84-36-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2375 MHz	MO	4M06D1D	2 W (ERP)	

MOBILE: Fort Benning, GA, within 5 km, centered around NL 32-22-12; WL 84-48-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2375 MHz	MO	4M06D1D	2 W (ERP)	

MOBILE: Littleton, CO, within 10 km, centered around NL 39-32-32; WL 105-02-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2375 MHz	MO	4M06D1D	2 W (ERP)	

MOBILE: Fort Hood, TX, within 2 km, centered around NL 31-07-49; WL 97-46-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2375 MHz	MO	4M06D1D	2 W (ERP)	

Frequency Information

MOBILE: Fort Carson, CO, within 2 km, centered around NL 38-44-36; WL 104-47-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2375 MHz	MO	4M06D1D	2 W (ERP)	

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) This frequency assignment in one of the bands 1435-1525, 2310-2320 and 2345-2390 MHz was coordinated prior to its authorization with AFMO CONUS, Ft. Sam Houston, TX, 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 AFMO CONUS, Ft. Sam Houston, TX, as necessary to ensure compatibility with existing uses.
- (3) 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 W15QKN-08-9-0001-69-201103. 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.
- (4) All operations subject to coordination with the Gulf Area Frequency Coordinator located at Eglin AFB, Florida.