

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

EXPERIMENTAL

(Nature of Service)

XC MO

(Class of Station)

WH2XCH

(Call Sign)

0083-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 32-43-02; WL 97-01-42
- (2) MOBILE: Camp Grayling, MI, within 3.5 km, centered around NL 44-43-07; WL 84-36-17
- (3) MOBILE: Fort Benning, GA, within 5 km, centered around NL 32-22-11; WL 84-48-17
- (4) MOBILE: Littleton, CO, within 10 km, centered around NL 39-32-31; WL 105-02-17
- (5) MOBILE: Fort Hood, TX, within 2 km, centered around NL 31-07-48; WL 97-46-49
- (6) MOBILE: Fort Carson, CO, within 2 km, centered around NL 38-44-35; WL 104-47-16

Frequency Information

MOBILE: Grand Prairie, TX, within 2 km, centered around NL 32-43-02; WL 97-01-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	MO	13M0F2D	1 W (ERP)	
2400-2483.5 MHz	MO	83M5F2D	1 W (ERP)	

This authorization effective May 14, 2014 and
will expire 3:00 A.M. EST May 01, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Camp Grayling, MI, within 3.5 km, centered around NL 44-43-07; WL 84-36-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	MO	13M0F2D	1 W (ERP)	
2400-2483.5 MHz	MO	83M5F2D	1 W (ERP)	

MOBILE: Fort Benning, GA, within 5 km, centered around NL 32-22-11; WL 84-48-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	MO	13M0F2D	1 W (ERP)	
2400-2483.5 MHz	MO	83M5F2D	1 W (ERP)	

MOBILE: Littleton, CO, within 10 km, centered around NL 39-32-31; WL 105-02-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	MO	13M0F2D	1 W (ERP)	
2400-2483.5 MHz	MO	83M5F2D	1 W (ERP)	

Frequency Information

MOBILE: Fort Hood, TX, within 2 km, centered around NL 31-07-48; WL 97-46-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	MO	13M0F2D	1 W (ERP)	
2400-2483.5 MHz	MO	83M5F2D	1 W (ERP)	

MOBILE: Fort Carson, CO, within 2 km, centered around NL 38-44-35; WL 104-47-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	MO	13M0F2D	1 W (ERP)	
2400-2483.5 MHz	MO	83M5F2D	1 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) 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.
- (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) The Military Communications-Electronics Board (MCEB) 255-399.9 MHz channeling plan will not support the requested bandwidth.