

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WF2XEP

(Call Sign)

0370-EX-PL-2009

(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) MOBILE: Waterton (ARAPAHOE), CO, within 30 km, centered around NL 39-33-00; WL 104-59-00
- (2) MOBILE: Goodyear (MARICOPA), AZ, within 40 km, centered around NL 33-25-41; WL 112-21-35

Frequency Information

MOBILE: Waterton (ARAPAHOE), CO, within 30 km, centered around NL 39-33-00; WL 104-59-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14.4-14.83 GHz	MO	64M0G1D 8M00G1D 21M4G1D 42M8G1D 89M5G1D	6.3 W (ERP)	
15.15-15.35 GHz	MO	64M0G1D 8M00G1D 21M4G1D 42M8G1D	6.3 W (ERP)	

This authorization effective January 11, 2010 and
will expire 3:00 A.M. EST January 01, 2012

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Waterton (ARAPAHOE), CO, within 30 km, centered around NL 39-33-00; WL 104-59-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15.15-15.35 GHz	MO	89M5G1D	6.3 W (ERP)	

MOBILE: Goodyear (MARICOPA), AZ, within 40 km, centered around NL 33-25-41; WL 112-21-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14.4-14.83 GHz	MO	64M0G1D 8M00G1D 21M4G1D 42M8G1D 89M5G1D	6.3 W (ERP)	
15.15-15.35 GHz	MO	64M0G1D 8M00G1D 21M4G1D 42M8G1D 89M5G1D	6.3 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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) Operation is limited to maximum 4.6 Km AGL.