

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

EXPERIMENTAL

(Nature of Service)

WG2XVA

(Call Sign)

XD MO

(Class of Station)

0029-EX-CM-2016

(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(j) of the Commission's Rules

Station Locations

- (1) MOBILE: San Miguel [SAN LUIS OBISPO], CA, within 10 km, centered around NL 35-47-20; WL 120-44-04
- (2) MOBILE: Edinburgh [JOHNSON], IN, within 10 km, centered around NL 39-20-49; WL 86-01-20
- (3) MOBILE: Suffolk, VA, within 7 km, centered around NL 36-53-40; WL 76-25-57
- (4) MOBILE: Yorktown [YORK], VA, within 10 km, centered around NL 37-08-18; WL 76-37-21
- (5) MOBILE: Marietta [COBB], GA, within 10 km, centered around NL 33-55-37; WL 84-31-41
- (6) MOBILE: Avon Park [POLK], FL, within 10 km, centered around NL 27-39-12; WL 81-20-45
- (7) MOBILE: Herndon [FAIRFAX], VA, within 10 km, centered around NL 38-57-13; WL 77-24-53
- (8) MOBILE: Ft Belvoir [FAIRFAX], VA, within 10 km, centered around NL 38-44-12; WL 77-09-28
- (9) MOBILE: Ft Gordon, GA, within 10 km, centered around NL 33-25-17; WL 82-09-43
- (10) MOBILE: Cudjoe Key FL, within 10 km, centered around NL 24-42-03; WL 81-30-22
- (11) MOBILE: Owego NY, within 10 km, centered around NL 42-05-52; WL 76-13-31
- (12) MOBILE: Fort Worth TX, within 10 km, centered around NL 32-46-06; WL 97-26-23
- (13) MOBILE: Half Moon Bay CA, within 10 km, centered around NL 37-28-13; WL 122-23-24

This authorization effective October 17, 2016 and
will expire 3:00 A.M. EST September 01, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: San Miguel [SAN LUIS OBISPO], CA, within 10 km, centered around NL 35-47-20; WL 120-44-04

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
956-958 MHz	MO	200KGXW	38.5 W (ERP)	

MOBILE: Edinburgh [JOHNSON], IN, within 10 km, centered around NL 39-20-49; WL 86-01-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
956-959 MHz	MO	200KGXW	38.5 W (ERP)	

MOBILE: Suffolk, VA, within 7 km, centered around NL 36-53-40; WL 76-25-57

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
956-958 MHz	MO	200KGXW	38.5 W (ERP)	

MOBILE: Yorktown [YORK], VA, within 10 km, centered around NL 37-08-18; WL 76-37-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
957-959 MHz	MO	200KGXW	38.5 W (ERP)	

Frequency Information

MOBILE: Marietta [COBB], GA, within 10 km, centered around NL 33-55-37; WL 84-31-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
957-959 MHz	MO	200KGXW	38.5 W (ERP)	

MOBILE: Avon Park [POLK], FL, within 10 km, centered around NL 27-39-12; WL 81-20-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
956-959 MHz	MO	200KGXW	38.5 W (ERP)	

MOBILE: Herndon [FAIRFAX], VA, within 10 km, centered around NL 38-57-13; WL 77-24-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
957-959 MHz	MO	200KGXW	38.5 W (ERP)	

MOBILE: Ft Belvoir [FAIRFAX], VA, within 10 km, centered around NL 38-44-12; WL 77-09-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
956-958 MHz	MO	200KGXW	38.5 W (ERP)	

Frequency Information

MOBILE: Ft Gordon, GA, within 10 km, centered around NL 33-25-17; WL 82-09-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
957-959 MHz	MO	200KGXW	38.5 W (ERP)	

MOBILE: Cudjoe Key FL, within 10 km, centered around NL 24-42-03; WL 81-30-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
956-958 MHz	MO	200KGXW	38.5 W (ERP)	

MOBILE: Owego NY, within 10 km, centered around NL 42-05-52; WL 76-13-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
956-958 MHz	MO	200KGXW	38.5 W (ERP)	

MOBILE: Fort Worth TX, within 10 km, centered around NL 32-46-06; WL 97-26-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
956-958 MHz	MO	200KGXW	38.5 W (ERP)	

Frequency Information

MOBILE: Half Moon Bay CA, within 10 km, centered around NL 37-28-13; WL 122-23-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
956-958 MHz	MO	200KGXW	38.5 W (ERP)	

Special Conditions:

- (1) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9102 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir@sbe.org; information, www.sbe.org.
- (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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (5) Operation subject to prior coordination with the existing and future Fixed Microwave Service licensees in accordance with 47 CFR, Part 101.103(d).