

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

EXPERIMENTAL

(Nature of Service)

WL2XMN

(Call Sign)

XD FX MO

(Class of Station)

0067-EX-CN-2021

(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) Vineyard (UTAH), UT - NL 40-17-16; WL 111-44-04; MOBILE: Flight level 400 Ft AGL, Vineyard, UT., within 80.5 km, centered around NL 40-17-16; WL 111-44-04

Frequency Information

Vineyard (UTAH), UT - NL 40-17-16; WL 111-44-04; MOBILE: Flight level 400 Ft AGL, Vineyard, UT., within 80.5 km, centered

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2367 MHz	FX	20M0D1D 10M0D1D	20 W (ERP)	0.001 %
2367 MHz	MO	20M0D1D 10M0D1D	10 W (ERP)	0.001 %
2377 MHz	FX	20M0D1D 10M0D1D	20 W (ERP)	0.001 %

This authorization effective February 25, 2021 and
will expire 3:00 A.M. EST March 01, 2023

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COMMUNICATIONS
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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2377 MHz	MO	20M0D1D 10M0D1D	10 W (ERP)	0.001 %

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 Area Frequency Coordinator, Nellis AFB, NV, 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 AFC 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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.