

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WI2XNP

(Call Sign)

0517-EX-CR-2018

(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) Aztec (YUMA), AZ - NL 32-52-06; WL 113-26-10
- (2) Aztec (YUMA), AZ - NL 32-52-06; WL 113-26-10; MOBILE: Aztec, AZ, within 1 km, centered around NL 32-52-06; WL 113-26-10
- (3) Goodyear (MARICOPA), AZ - NL 33-25-50; WL 112-21-55; MOBILE: Goodyear, AZ, within 1 km, centered around NL 33-25-50; WL 112-21-55
- (4) Goodyear (MARICOPA), AZ - NL 33-25-50; WL 112-21-55; MOBILE: Goodyear, AZ, within 1 km, centered around NL 33-25-50; WL 112-21-55
- (5) Buckeye (MARICOPA), AZ - NL 33-11-20; WL 112-26-38; MOBILE: Buckeye, AZ, within 1 km, centered around NL 33-11-20; WL 112-26-38
- (6) Buckeye (MARICOPA), AZ - NL 33-11-20; WL 112-26-38; MOBILE: Buckeye, AZ, within 1 km, centered around NL 33-11-20; WL 112-26-38

Frequency Information

Aztec (YUMA), AZ - NL 32-52-06; WL 113-26-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3050 MHz	FX	60M0P0N	13.4 MW (ERP)	0.02 %
9410 MHz	MO	60M0P0N	1.0521 MW (ERP)	0.02 %

This authorization effective December 01, 2018 and
will expire 3:00 A.M. EST December 01, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Aztec (YUMA), AZ - NL 32-52-06; WL 113-26-10; MOBILE: Aztec, AZ, within 1 km, centered around NL 32-52-06; WL 113-26-

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3590 MHz	FX	60M0P0N	15.9 kW (ERP)	0.02 %
3650 MHz	FX	60M0P0N	15.9 kW (ERP)	0.02 %
4230 MHz	FX	60M0P0N	15.9 kW (ERP)	0.02 %
4290 MHz	FX	60M0P0N	15.9 kW (ERP)	0.02 %
5330 MHz	FX	60M0P0N	15.9 kW (ERP)	0.02 %
5390 MHz	FX	60M0P0N	15.9 kW (ERP)	0.02 %
5450 MHz	FX	60M0P0N	15.9 kW (ERP)	0.02 %

Goodyear (MARICOPA), AZ - NL 33-25-50; WL 112-21-55; MOBILE: Goodyear, AZ, within 1 km, centered around NL 33-25-5

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3050 MHz	FX	60M0P0N	13.4 MW (ERP)	0.02 %
9410 MHz	MO	60M0P0N	1.0521 MW (ERP)	0.02 %

Frequency Information

Goodyear (MARICOPA), AZ - NL 33-25-50; WL 112-21-55; MOBILE: Goodyear, AZ, within 1 km, centered around NL 33-25-50

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3590 MHz	FX	60M0P0N	15.9 kW (ERP)	0.02 %
3650 MHz	FX	60M0P0N	15.9 kW (ERP)	0.02 %
5330 MHz	FX	60M0P0N	15.9 kW (ERP)	0.02 %
5390 MHz	FX	60M0P0N	15.9 kW (ERP)	0.02 %
5450 MHz	FX	60M0P0N	15.9 kW (ERP)	0.02 %

Buckeye (MARICOPA), AZ - NL 33-11-20; WL 112-26-38; MOBILE: Buckeye, AZ, within 1 km, centered around NL 33-11-20; \

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3050 MHz	FX	60M0P0N	13.4 MW (ERP)	0.02 %
9410 MHz	MO	60M0P0N	1.0521 MW (ERP)	0.02 %

Frequency Information

Buckeye (MARICOPA), AZ - NL 33-11-20; WL 112-26-38; MOBILE: Buckeye, AZ, within 1 km, centered around NL 33-11-20; \

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3590 MHz	FX	60M0P0N	15.9 kW (ERP)	0.02 %
3650 MHz	FX	60M0P0N	15.9 kW (ERP)	0.02 %
5330 MHz	FX	60M0P0N	15.9 kW (ERP)	0.02 %
5390 MHz	FX	60M0P0N	15.9 kW (ERP)	0.02 %
5450 MHz	FX	60M0P0N	15.9 kW (ERP)	0.02 %

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (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) Maintain separation from the grandfathered earth stations as defined in Part 90 subpart Z, or coordinate an agreement with the grandfathered earth station licensees.
- (5) Ensure that the operation will not cause harmful interference to any existing registered stations in the 3650-3700 MHz, and notify the registered users in the area.
- (6) Minimum 72 hours prior coordination requirement with DOD AFC Arizona with Mr. Mark Rossow at (520) 538-6423 ; (mark.k.rossow.civ@mail.mil) in Aztec, AZ area.
- (7) Operation is not permitted in 4200-4400 MHz band for Goodyear AZ and Buckeye, AZ.