

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

EXPERIMENTAL

(Nature of Service)

WH2XQV

(Call Sign)

XD FX MO

(Class of Station)

0101-EX-PL-2015

(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) Reader (WETZEL), WV - NL 39-34-24; WL 80-42-39; MOBILE: Reader, WV, within 65 km, centered around NL 39-34-24; WL 80-42-39
- (2) Campbellton (ATASCOSA), TX - NL 28-51-43; WL 98-18-33; MOBILE: Campbellton, TX, within 65 km, centered around NL 28-51-43; WL 98-18-33
- (3) College Station (BRAZOS), TX - NL 30-40-06; WL 96-32-55; MOBILE: College Station, TX, within 65 km, centered around NL 30-40-06; WL 96-32-55
- (4) Tioga (WILLIAMS), ND - NL 48-16-32; WL 102-57-44; MOBILE: Tioga, ND, within 65 km, centered around NL 48-16-32; WL 102-57-44
- (5) Loving (EDDY), NM - NL 32-21-59; WL 103-56-51; MOBILE: Loving, NM, within 65 km, centered around NL 32-21-59; WL 103-56-51
- (6) Baldwin (ST MARY), LA - NL 29-48-38; WL 91-39-47; MOBILE: Baldwin, LA, within 65 km, centered around NL 29-48-38; WL 91-39-47

Frequency Information

Reader (WETZEL), WV - NL 39-34-24; WL 80-42-39; MOBILE: Reader, WV, within 65 km, centered around NL 39-34-24; WL

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3700 MHz	MO	20M0D7D	20 W (ERP)	

This authorization effective April 28, 2015 and
will expire 3:00 A.M. EST May 01, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Reader (WETZEL), WV - NL 39-34-24; WL 80-42-39; MOBILE: Reader, WV, within 65 km, centered around NL 39-34-24; WL

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3700 MHz	FX	20M0D7D	20 W (ERP)	

Campbellton (ATASCOSA), TX - NL 28-51-43; WL 98-18-33; MOBILE: Campbellton, TX, within 65 km, centered around NL 28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3700 MHz	FX	20M0D7D	20 W (ERP)	
3650-3700 MHz	MO	20M0D7D	20 W (ERP)	

College Station (BRAZOS), TX - NL 30-40-06; WL 96-32-55; MOBILE: College Station, TX, within 65 km, centered around NL

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3700 MHz	FX	20M0D7D	20 W (ERP)	
3650-3700 MHz	MO	20M0D7D	20 W (ERP)	

Tioga (WILLIAMS), ND - NL 48-16-32; WL 102-57-44; MOBILE: Tioga, ND, within 65 km, centered around NL 48-16-32; WL 1

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3700 MHz	FX	20M0D7D	20 W (ERP)	

Frequency Information

Tioga (WILLIAMS), ND - NL 48-16-32; WL 102-57-44; MOBILE: Tioga, ND, within 65 km, centered around NL 48-16-32; WL 1

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3700 MHz	MO	20M0D7D	20 W (ERP)	

Loving (EDDY), NM - NL 32-21-59; WL 103-56-51; MOBILE: Loving, NM, within 65 km, centered around NL 32-21-59; WL 10:

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3700 MHz	FX	20M0D7D	20 W (ERP)	
3650-3700 MHz	MO	20M0D7D	20 W (ERP)	

Baldwin (ST MARY), LA - NL 29-48-38; WL 91-39-47; MOBILE: Baldwin, LA, within 65 km, centered around NL 29-48-38; WL

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3700 MHz	FX	20M0D7D	20 W (ERP)	
3650-3700 MHz	MO	20M0D7D	20 W (ERP)	

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.

Special Conditions:

- (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 prior to operation in 3650-3700 MHz.
- (5) Ensure that the proposed operations will not cause harmful interference to any existing registered stations in the 3650-3700 MHz, and notify the registered users in the proposed areas.