

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

EXPERIMENTAL

(Nature of Service)

WF2XKJ

(Call Sign)

XD FX MO

(Class of Station)

0224-EX-PL-2010

(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: King of Prussia [MONTGOMERY], PA, within 1 km, centered around NL 40-05-29; WL 75-24-05
- (2) MOBILE: Gaithersburg [MONTGOMERY], MD, within 1 km, centered around NL 39-09-13; WL 77-13-01
- (3) MOBILE: Suffolk, VA, within 1 km, centered around NL 36-53-32; WL 76-26-07
- (4) MOBILE: Akron [SUMMIT], OH, within 1 km, centered around NL 41-02-00; WL 81-28-15
- (5) Fort Worth (TARRANT), TX - NL 32-46-30; WL 97-26-51; MOBILE: Fort Worth [TARRANT], TX, within 1 km, centered around NL 32-46-30; WL 97-26-51
- (6) Owego (TIOGA), NY - NL 42-06-15; WL 76-13-22; MOBILE: Owego [TIOGA], NY, within 1 km, centered around NL 42-06-15; WL 76-13-22

Frequency Information

MOBILE: King of Prussia [MONTGOMERY], PA, within 1 km, centered around NL 40-05-29; WL 75-24-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-763 MHz	MO	4M20G7W 4M20D7W	2.5 W (ERP)	
788-793 MHz	MO	4M20G7W	1.25 W (ERP)	

This authorization effective June 09, 2010 and
will expire 3:00 A.M. EST December 01, 2011

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: King of Prussia [MONTGOMERY], PA, within 1 km, centered around NL 40-05-29; WL 75-24-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
788-793 MHz	MO	4M20D7W	1.25 W (ERP)	

MOBILE: Gaithersburg [MONTGOMERY], MD, within 1 km, centered around NL 39-09-13; WL 77-13-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-763 MHz	MO	4M20G7W 4M20D7W	2.5 W (ERP)	
788-793 MHz	MO	4M20G7W 4M20D7W	1.25 W (ERP)	

MOBILE: Suffolk, VA, within 1 km, centered around NL 36-53-32; WL 76-26-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-763 MHz	MO	4M20G7W 4M20D7W	2.5 W (ERP)	
788-793 MHz	MO	4M20G7W 4M20D7W	1.25 W (ERP)	

Frequency Information

MOBILE: Akron [SUMMIT], OH, within 1 km, centered around NL 41-02-00; WL 81-28-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-763 MHz	MO	4M20D7W 4M20G7W	2.5 W (ERP)	
788-793 MHz	MO	4M20D7W 4M20G7W	1.25 W (ERP)	

Fort Worth (TARRANT), TX - NL 32-46-30; WL 97-26-51; MOBILE: Fort Worth [TARRANT], TX, within 1 km, centered around

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-763 MHz	MO	4M20D7W 4M20G7W	2.5 W (ERP)	
788-793 MHz	MO	4M20D7W 4M20G7W	1.25 W (ERP)	

Owego (TIOGA), NY - NL 42-06-15; WL 76-13-22; MOBILE: Owego [TIOGA], NY, within 1 km, centered around NL 42-06-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-763 MHz	MO	4M20D7W 4M20G7W	2.5 W (ERP)	
788-793 MHz	MO	4M20D7W 4M20G7W	1.25 W (ERP)	

Special Conditions:

- (1) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9247 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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) Operation is subject to prior coordination with affected existing and future licensees in the bands 758-763 MHz and 788-793 MHz.
- (5) This license SUPERSEDES the previously issued license with the same call sign and file number: the application is fully granted.