

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WE2XVN

(Call Sign)

0378-EX-PL-2008

(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) Grand Prairie (TARRANT), TX - NL 32-42-48; WL 97-01-45; MOBILE: Grand Prairie, TX, within 2 km, centered around NL 32-42-48; WL 97-01-45
- (2) Littleton (JEFFERSON), CO - NL 39-30-31; WL 105-05-57; MOBILE: Littleton, CO, within 2 km, centered around NL 39-30-31; WL 105-05-57

Frequency Information

Grand Prairie (TARRANT), TX - NL 32-42-48; WL 97-01-45; MOBILE: Grand Prairie, TX, within 2 km, centered around NL 32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1358.25 MHz	MO	2M20W7D	31.6 W (ERP)	
1358.25 MHz	FX	790KW7D 790KW7D	31.6 W (ERP)	
1380.25 MHz	FX	790KW7D	31.6 W (ERP)	

This authorization effective January 05, 2009 and
will expire 3:00 A.M. EST July 01, 2010

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Grand Prairie (TARRANT), TX - NL 32-42-48; WL 97-01-45; MOBILE: Grand Prairie, TX, within 2 km, centered around NL 32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1380.25 MHz	MO	2M20W7D	31.6 W (ERP)	
1809.75 MHz	MO	8M60D7W 8M60D7F	19.95 W (ERP)	
76000-77000 MHz	MO	110MF3N	5 mW (ERP)	

Littleton (JEFFERSON), CO - NL 39-30-31; WL 105-05-57; MOBILE: Littleton, CO, within 2 km, centered around NL 39-30-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1358.25 MHz	FX	790KW7D	31.6 W (ERP)	
1358.25 MHz	MO	2M20W7D	31.6 W (ERP)	
1380.25 MHz	FX	790KW7D	31.6 W (ERP)	
1380.25 MHz	MO	2M20W3D	31.6 W (ERP)	
1809.75 MHz	MO	8M60D7W 8M60D7F	19.95 W (ERP)	

Frequency Information

Littleton (JEFFERSON), CO - NL 39-30-31; WL 105-05-57; MOBILE: Littleton, CO, within 2 km, centered around NL 39-30-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
76000-77000 MHz	MO	110MF3N	5 mW (ERP)	

Special Conditions:

- (1) Assignment in frequency band 960-1400, 2700-2900, or 9000-9200 MHz was coordinated prior to authorization with the FAA Northwest Coordinator, Seattle, WA. Use of frequencies under the authority of this assignment is subject to such further coordination with the FAA Northwest Coordinator, Seattle, WA, as necessary to ensure compatibility with existing uses.
- (2) Assignment in frequency bands 960-1400, 2700-2900, or 9000-9200 MHz was coordinated prior to authorization with the FAA Southwest Coordinator, Ft. Worth, TX. Use of frequencies under the authority of this assignment is subject to such further coordination with the FAA Southwest Coordinator, Ft. Worth, TX, as necessary to ensure compatibility with existing uses.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (5) The Pulse Repetition Rate (PRR) = 0