

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WE2XVK

(Call Sign)

0164-EX-ML-2012

(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(f, i) of the Commission's Rules

Station Locations

- (1) Littleton (JEFFERSON), CO - NL 39-30-31; WL 105-05-57
- (2) Sunnyvale (SANTA CLARA), CA - NL 37-24-39; WL 122-00-16
- (3) Kona, HI - NL 20-02-19; WL 155-49-48

Frequency Information

Littleton (JEFFERSON), CO - NL 39-30-31; WL 105-05-57

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
129 MHz	FX	40K0D1W	12 W (ERP)	
404 MHz	FX	16K0D1W	24 W (ERP)	
897 MHz	FX	400KD1W	24 W (ERP)	
902.5 MHz	FX	400KD1W	24 W (ERP)	

This authorization effective February 14, 2013 and
will expire 3:00 A.M. EST December 01, 2013

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Littleton (JEFFERSON), CO - NL 39-30-31; WL 105-05-57

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
904.4 MHz	FX	400KD1W	24 W (ERP)	
1754 MHz	FX	400KD1W	24 W (ERP)	
2492 MHz	FX	20M0F3D	4 W (ERP)	
9.4 GHz	FX	20M1P1N	2.2 kW (ERP)	

Sunnyvale (SANTA CLARA), CA - NL 37-24-39; WL 122-00-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
129 MHz	FX	40K0D1W	12 W (ERP)	
404 MHz	FX	16K0D1W	24 W (ERP)	
897 MHz	FX	400KD1W	24 W (ERP)	
902.5 MHz	FX	400KD1W	24 W (ERP)	
904 MHz	FX	400KD1W	24 W (ERP)	

Frequency Information

Sunnyvale (SANTA CLARA), CA - NL 37-24-39; WL 122-00-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1371 MHz	FX	20M0F3D	1 W (ERP)	
1754 MHz	FX	400KD1W	24 W (ERP)	
2492 MHz	FX	20M0F3D	4 W (ERP)	
9.4 GHz	FX	20M1P1N	2.2 kW (ERP)	

Kona, HI - NL 20-02-19; WL 155-49-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
129 MHz	FX	40K0D1W	12 W (ERP)	
404 MHz	FX	60K0D1W	24 W (ERP)	
897 MHz	FX	400KD1W	24 W (ERP)	
902.5 MHz	FX	400KD1W	24 W (ERP)	
904.4 MHz	FX	400KD1W	24 W (ERP)	

Frequency Information

Kona, HI - NL 20-02-19; WL 155-49-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1371 MHz	FX	20M0F3D	1 W (ERP)	
1754 MHz	FX	400KD1W	24 W (ERP)	
2492 MHz	FX	20M0F3D	4 W (ERP)	
9.4 GHz	FX	20M1P1N	2.2 kW (ERP)	

Special Conditions:

- (1) Assignment in frequency bands 960-1400, 2700-2900, or 9000-9200 MHz was coordinated prior to authorization with the FAA Western Coordinator, Los Angeles, CA. Use of frequencies under the authority of this assignment is subject to such further coordination with the FAA Western Coordinator, Los Angeles, CA, as necessary to ensure compatibility with existing uses.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (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) Operation in the 1710-1755 or 2110-2155 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.
- (5) The designated point-of-contact to terminate transmissions if interference occurs is Mr. Thomas Morrion at Work (303) 977-7173 Cell (303) 877-5867, Pager (720) 521-8158.
- (6) Operation is subject to prior coordination with the incumbent licensees in 129 MHz.
- (7) Operations on 1371 MHz will be in accordance with the following restriction: PRR = 200K pps
- (8) This frequency assignment on 1030 MHz or in one of the bands 1215-1400, 2700-2900 or 9000-9200 MHz was coordinated prior to authorization with the FAA Pacific Coordinator, Honolulu, Hawaii. Use of the frequency or band under the authority of this assignment is subject to such further coordination with the FAA Pacific Coordinator, Honolulu, Hawaii, as necessary to ensure compatibility with existing uses.