

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WF2XIP

(Call Sign)

0130-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) Lakehurst NAE (OCEAN), NJ - NL 40-01-39; WL 74-21-16
- (2) Red Lion (BURLINGTON), NJ - NL 39-53-48; WL 74-45-00
- (3) Pennsauken (CAMDEN), NJ - NL 39-59-07; WL 75-01-27
- (4) Cherry Hill (CAMDEN), NJ - NL 39-55-53; WL 75-03-03

Frequency Information

Lakehurst NAE (OCEAN), NJ - NL 40-01-39; WL 74-21-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
910 MHz	FX	6M00F3F	500 mW (ERP)	
2410 MHz	FX	6M00F3F	1000 mW (ERP)	
2414 MHz	FX	6M00F3F	10 mW (ERP)	

This authorization effective June 02, 2010 and
will expire 3:00 A.M. EST June 01, 2012

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Lakehurst NAE (OCEAN), NJ - NL 40-01-39; WL 74-21-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2430 MHz	FX	6M00F3F	1000 mW (ERP)	
2432 MHz	FX	6M00F3F	10 mW (ERP)	
2450 MHz	FX	6M00F3F	1000 mW (ERP)	
2450 MHz	FX	6M00F3F	10 mW (ERP)	
2468 MHz	FX	6M00F3F	10 mW (ERP)	
2470 MHz	FX	6M00F3F	1000 mW (ERP)	
2490 MHz	FX	6M00F3F	1000 mW (ERP)	
2510 MHz	FX	6M00F3F	1000 mW (ERP)	

Red Lion (BURLINGTON), NJ - NL 39-53-48; WL 74-45-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
910 MHz	FX	6M00F3F	500 mW (ERP)	

Frequency Information

Red Lion (BURLINGTON), NJ - NL 39-53-48; WL 74-45-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2410 MHz	FX	6M00F3F	1000 mW (ERP)	
2414 MHz	FX	6M00F3F	10 mW (ERP)	
2430 MHz	FX	6M00F3F	1000 mW (ERP)	
2432 MHz	FX	6M00F3F	10 mW (ERP)	
2450 MHz	FX	6M00F3F	1000 mW (ERP)	
2450 MHz	FX	6M00F3F	10 mW (ERP)	
2468 MHz	FX	6M00F3F	10 mW (ERP)	
2470 MHz	FX	6M00F3F	1000 mW (ERP)	
2490 MHz	FX	6M00F3F	1000 mW (ERP)	
2510 MHz	FX	6M00F3F	1000 mW (ERP)	

Frequency Information

Pennsauken (CAMDEN), NJ - NL 39-59-07; WL 75-01-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
910 MHz	FX	6M00F3F	500 mW (ERP)	
2410 MHz	FX	6M00F3F	1000 mW (ERP)	
2414 MHz	FX	6M00F3F	10 mW (ERP)	
2430 MHz	FX	6M00F3F	1000 mW (ERP)	
2432 MHz	FX	6M00F3F	10 mW (ERP)	
2450 MHz	FX	6M00F3F	1000 mW (ERP)	
2450 MHz	FX	6M00F3F	10 mW (ERP)	
2468 MHz	FX	6M00F3F	10 mW (ERP)	
2470 MHz	FX	6M00F3F	1000 mW (ERP)	
2490 MHz	FX	6M00F3F	1000 mW (ERP)	

Frequency Information

Pennsauken (CAMDEN), NJ - NL 39-59-07; WL 75-01-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2510 MHz	FX	6M00F3F	1000 mW (ERP)	

Cherry Hill (CAMDEN), NJ - NL 39-55-53; WL 75-03-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
910 MHz	FX	6M00F3F	500 mW (ERP)	
2410 MHz	FX	6M00F3F	1000 mW (ERP)	
2414 MHz	FX	6M00F3F	10 mW (ERP)	
2430 MHz	FX	6M00F3F	1000 mW (ERP)	
2432 MHz	FX	6M00F3F	10 mW (ERP)	
2450 MHz	FX	6M00F3F	1000 mW (ERP)	
2450 MHz	FX	6M00F3F	10 mW (ERP)	
2468 MHz	FX	6M00F3F 6M00F3F	10 mW (ERP)	

Frequency Information

Cherry Hill (CAMDEN), NJ - NL 39-55-53; WL 75-03-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2470 MHz	FX	6M00F3F	1000 mW (ERP)	
2490 MHz	FX	6M00F3F	1000 mW (ERP)	
2510 MHz	FX	6M00F3F	1000 mW (ERP)	

Special Conditions:

- (1) Operation is subject to prior coordination with affected Educational Broadband Service/Broadband Radio Service (EBS/BRS) licensees.
- (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) 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.
- (5) Operation is subject to prior coordination with affected Fixed Microwave licensees.