

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

EXPERIMENTAL

(Nature of Service)

WG2XYK

(Call Sign)

XD FX MO

(Class of Station)

0746-EX-PL-2013

(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) Philadelphia (JEFFERSON), NY - NL 44-08-51; WL 75-38-51; MOBILE: Philadelphia (JEFFERSON), NY, within 16 km, centered around NL 44-08-51; WL 75-38-51

Frequency Information

Philadelphia (JEFFERSON), NY - NL 44-08-51; WL 75-38-51; MOBILE: Philadelphia (JEFFERSON), NY, within 16 km, centered around NL 44-08-51; WL 75-38-51

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
392.67 MHz	FX	250KF1D	1 W (ERP)	
394.39 MHz	FX	250KF1D	1 W (ERP)	
1801 MHz	MO	18M0F8W	2 W (ERP)	
1841 MHz	MO	18M0F8W	2 W (ERP)	

This authorization effective August 28, 2014 and
will expire 3:00 A.M. EST May 31, 2015

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Philadelphia (JEFFERSON), NY - NL 44-08-51; WL 75-38-51; MOBILE: Philadelphia (JEFFERSON), NY, within 16 km, center

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2275 MHz	MO	18M0F8W	2 W (ERP)	

Special Conditions:

- (1) 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.
- (2) Use of the frequencies M392.67 and M394.39 is allowed for this testing but will never be approved for operational use of this system. The band 380-399.9 MHz is a narrow band land mobile DOD band which cannot support wide band operations.
- (3) The applicant and DOD PM need to be aware that the band 1755-1850 MHz is under serious consideration for transfer and auction in many parts of the US by the FCC and this system may not be able to operate if this happens in the next 10 years.
- (4) Army concurs with subject request on a NIB basis with the stipulation that Lockheed-Martin will contact Ft. Drum Installation Spectrum Manager@315-772-2433 or alternate@315-772-5528, prior to all operations of the DESERT HAWK UAS and provide dates, times of operations and a STOP BUZZER POC.
- (5) Stop buzzer is Todd Kopl at (607) 751-6752.