

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

EXPERIMENTAL

(Nature of Service)

WF2XIL

(Call Sign)

XD      FX MO

(Class of Station)

0122-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) Liverpool (ONONDAGA), NY - NL 43-06-37; WL 76-11-09
- (2) MOBILE: Various Port Locations CONUS

Frequency Information

Liverpool (ONONDAGA), NY - NL 43-06-37; WL 76-11-09

| Frequency            | Station Class | Emission Designator           | Authorized Power | Frequency Tolerance (+/-) |
|----------------------|---------------|-------------------------------|------------------|---------------------------|
| 156.025-157.0375 MHz | FX            | 16K0F3E                       | 5 W (ERP)        |                           |
| 156.075 MHz          | FX            | 12K5G2B<br>16K0F1D<br>16K0G3E | 10 W (ERP)       |                           |
| 156.3 MHz            | FX            | 12K5G2B<br>16K0F1D<br>16K0G3E | 10 W (ERP)       |                           |

This authorization effective April 23, 2010 and  
will expire 3:00 A.M. EST May 01, 2012

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

Liverpool (ONONDAGA), NY - NL 43-06-37; WL 76-11-09

| Frequency            | Station Class | Emission Designator           | Authorized Power | Frequency Tolerance (+/-) |
|----------------------|---------------|-------------------------------|------------------|---------------------------|
| 156.375 MHz          | FX            | 12K5G2B<br>16K0G3E<br>16K0F1D | 10 W (ERP)       |                           |
| 156.525 MHz          | FX            | 12K5G2B<br>16K0G2E<br>16K0F1D | 10 W (ERP)       |                           |
| 156.625 MHz          | FX            | 12K5G2B<br>16K0G3E<br>16K0F1D | 10 W (ERP)       |                           |
| 156.725 MHz          | FX            | 12K5G2B<br>16K0G3E<br>16K0F1D | 10 W (ERP)       |                           |
| 156.875 MHz          | FX            | 12K5G2B<br>16K0G3E<br>16K0F1D | 10 W (ERP)       |                           |
| 157.1875-157.425 MHz | FX            | 16K0F3E                       | 5 W (ERP)        |                           |
| 160.675 MHz          | FX            | 12K5G2B<br>16K0G1E<br>16K0F1D | 10 W (ERP)       |                           |

## Frequency Information

Liverpool (ONONDAGA), NY - NL 43-06-37; WL 76-11-09

| Frequency   | Station Class | Emission Designator           | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|-------------------------------|------------------|---------------------------|
| 161.525 MHz | FX            | 12K5G2B<br>16K0G1E<br>16K0F1D | 10 W (ERP)       |                           |

MOBILE: Various Port Locations CONUS

| Frequency            | Station Class | Emission Designator           | Authorized Power | Frequency Tolerance (+/-) |
|----------------------|---------------|-------------------------------|------------------|---------------------------|
| 156.025-157.0375 MHz | MO            | 16K0F3E                       | 5 W (ERP)        |                           |
| 156.075 MHz          | MO            | 12K5G2B<br>16K0G3E<br>16K0F1D | 10 W (ERP)       |                           |
| 156.3 MHz            | MO            | 12K5G2B<br>16K0G3E<br>16K0F1D | 10 W (ERP)       |                           |
| 156.375 MHz          | MO            | 12K5G2B<br>16K0G3E<br>16K0F1D | 10 W (ERP)       |                           |
| 156.525 MHz          | MO            | 12K5G2B<br>16K0G3E<br>16K0F1D | 10 W (ERP)       |                           |

## Frequency Information

MOBILE: Various Port Locations CONUS

| Frequency            | Station Class | Emission Designator           | Authorized Power | Frequency Tolerance (+/-) |
|----------------------|---------------|-------------------------------|------------------|---------------------------|
| 156.625 MHz          | MO            | 12K5G2B<br>16K0G3E<br>16K0F1D | 10 W (ERP)       |                           |
| 156.725 MHz          | MO            | 12K5G2B<br>16K0G3E<br>16K0F1D | 10 W (ERP)       |                           |
| 156.875 MHz          | MO            | 12K5G2B<br>16K0F1D<br>16K0G3E | 10 W (ERP)       |                           |
| 157.1875-157.425 MHz | MO            | 16K0F3E                       | 5 W (ERP)        |                           |
| 160.675 MHz          | MO            | 12K5G2B<br>16K0G3E<br>16K0F1D | 10 W (ERP)       |                           |
| 161.525 MHz          | MO            | 12K5G2B<br>16K0G3E<br>16K0F1D | 10 W (ERP)       |                           |

## Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.

**Special Conditions:**

- (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 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](mailto:executivedir@sbe.org); information, [www.sbe.org](http://www.sbe.org).
- (5) Operations in 156.525 MHz frequency to be used exclusively for distress, safety and calling using digital selective calling techniques. No other uses are permitted.
- (6) Operations in 157.1875-157.425 MHz band must be prior coordinated with the incumbent licensees.