

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

EXPERIMENTAL

(Nature of Service)

WF2XKJ

(Call Sign)

XD MO

(Class of Station)

0354-EX-RR-2011

(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) MOBILE: King of Prussia [MONTGOMERY], PA, within 1 km, centered around NL 40-05-29; WL 75-24-05
- (2) MOBILE: Gaithersburg [MONTGOMERY], MD, within 1 km, centered around NL 39-09-13; WL 77-13-01
- (3) MOBILE: Suffolk, VA, within 1 km, centered around NL 36-53-32; WL 76-26-07
- (4) MOBILE: Akron [SUMMIT], OH, within 1 km, centered around NL 41-02-00; WL 81-28-15

Frequency Information

MOBILE: King of Prussia [MONTGOMERY], PA, within 1 km, centered around NL 40-05-29; WL 75-24-05

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 758-763 MHz | MO            | 4M20G7W<br>4M20D7W  | 2.5 W (ERP)      |                           |
| 788-793 MHz | MO            | 4M20G7W<br>4M20D7W  | 1.25 W (ERP)     |                           |

This authorization effective December 01, 2011 and  
will expire 3:00 A.M. EST June 01, 2013

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

MOBILE: Gaithersburg [MONTGOMERY], MD, within 1 km, centered around NL 39-09-13; WL 77-13-01

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 758-763 MHz | MO            | 4M20G7W<br>4M20D7W  | 2.5 W (ERP)      |                           |
| 788-793 MHz | MO            | 4M20G7W<br>4M20D7W  | 1.25 W (ERP)     |                           |

MOBILE: Suffolk, VA, within 1 km, centered around NL 36-53-32; WL 76-26-07

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 758-763 MHz | MO            | 4M20G7W<br>4M20D7W  | 2.5 W (ERP)      |                           |
| 788-793 MHz | MO            | 4M20G7W<br>4M20D7W  | 1.25 W (ERP)     |                           |

MOBILE: Akron [SUMMIT], OH, within 1 km, centered around NL 41-02-00; WL 81-28-15

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 758-763 MHz | MO            | 4M20D7W<br>4M20G7W  | 2.5 W (ERP)      |                           |
| 788-793 MHz | MO            | 4M20D7W<br>4M20G7W  | 1.25 W (ERP)     |                           |

**Special Conditions:**

- (1) 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).
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) Operation is subject to prior coordination with affected existing and future licensees in the bands 758-763 MHz and 788-793 MHz.