

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WA2XTC

(Call Sign)

0165-EX-RR-2006

(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(d, h) of the Commission's Rules

Station Locations

- (1) MOBILE: Orlando (ORANGE), FL, within 25 km, centered around NL 28-26-43; WL 81-27-33
- (2) MOBILE: Eglin AFB (OKALOOSA), FL, within 65 km, centered around NL 30-27-38; WL 86-32-59
- (3) MOBILE: Point Mugu (VENTURA), CA, within 65 km, centered around NL 34-07-23; WL 119-07-15

Frequency Information

MOBILE: Orlando (ORANGE), FL, within 25 km, centered around NL 28-26-43; WL 81-27-33

| Frequency  | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|------------|---------------|---------------------|------------------|---------------------------|
| 464.5 MHz  | MO            | 11K3F1D<br>20K0F1D  | 70 W (ERP)       |                           |
| 464.55 MHz | MO            | 11K3F1D<br>20K0F1D  | 70 W (ERP)       |                           |

This authorization effective August 01, 2006 and  
will expire 3:00 A.M. EST August 01, 2008

**FEDERAL  
COMMUNICATIONS  
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## Frequency Information

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|------------|---------------|---------------------|------------------|---------------------------|
| 469.5 MHz  | MO            | 11K3F1D             | 70 W (ERP)       |                           |
| 469.55 MHz | MO            | 11K3F1D             | 70 W (ERP)       |                           |

MOBILE: Eglin AFB (OKALOOSA), FL, within 65 km, centered around NL 30-27-38; WL 86-32-59

| Frequency  | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|------------|---------------|---------------------|------------------|---------------------------|
| 464.5 MHz  | MO            | 11K3F1D<br>20K0F1D  | 70 W (ERP)       |                           |
| 464.55 MHz | MO            | 20K0F1D<br>11K3F1D  | 70 W (ERP)       |                           |
| 469.5 MHz  | MO            | 11K3F1D             | 70 W (ERP)       |                           |
| 469.55 MHz | MO            | 11K3F1D             | 70 W (ERP)       |                           |

MOBILE: Point Mugu (VENTURA), CA, within 65 km, centered around NL 34-07-23; WL 119-07-15

| Frequency | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------|---------------|---------------------|------------------|---------------------------|
| 464.5 MHz | MO            | 11K3F1D             | 70 W (ERP)       |                           |

## Frequency Information

MOBILE: Point Mugu (VENTURA), CA, within 65 km, centered around NL 34-07-23; WL 119-07-15

| Frequency  | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|------------|---------------|---------------------|------------------|---------------------------|
| 464.5 MHz  | MO            | 20K0F1D             | 70 W (ERP)       |                           |
| 464.55 MHz | MO            | 11K3F1D<br>20K0F1D  | 70 W (ERP)       |                           |
| 469.5 MHz  | MO            | 11K3F1D             | 70 W (ERP)       |                           |
| 469.55 MHz | MO            | 11K3F1D             | 70 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.
- (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.