

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

EXPERIMENTAL

(Nature of Service)

XE MO

(Class of Station)

WD2XIC

(Call Sign)

0248-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(b) of the Commission's Rules

Station Locations

- (1) MOBILE: States of AR, LA, NM, OK, TX and within the two rectangles defined by 30 N, 98 W; 30 N, 94 W; 26, 30' N, 98 W; 26, 30' N, 94 W; and 30 N, 94 W; 30 N, 89 W; 28 N, 94 W; 28 N, 89 W.

Frequency Information

MOBILE: States of AR, LA, NM, OK, TX and within the two rectangles defined by 30 N, 98 W; 30 N, 94 W; 26, 30' N, 98 W; 26, 30' N, 94 W; and 30 N, 94 W; 30 N, 89 W; 28 N, 94 W; 28 N, 89 W.

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1030 MHz	MO	6M00M1D 7M50M1D	2500 W (ERP)	
1090 MHz	MO	6M90M1D 7M00M1D	500 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.

This authorization effective January 01, 2007 and
will expire 3:00 A.M. EST January 01, 2009

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (2) Use of 1030 MHz is only permitted east of 112 degrees West within the states and coordinates in the application, and the FAA concurs only under the following conditions:
1. Interrogations on Modes 1, 2, 3A and 3C are confined to only those interrogations manually initiated by the pilot: Continuous airborne interrogations are not to be conducted. Each pilot initiated manual interrogation is limited to a maximum time of 10 seconds. A "dead" time of at least 30 seconds is to be allowed between interrogations.
 2. Transmissions while within the state of Arizona are only authorized east of 112 degrees West, and then only with emissions between 001 degrees and 180 degrees. Emissions oriented westward while in the state of Arizona are NOT AUTHORIZED.
 3. Mode-4 and Mode-S transmissions on 1030 MHz are NOT authorized.
 4. This authorization is based on the condition that this equipment is confined for use overseas.
 5. Operations must be contained within the altitude, operational parameters, transmit power, emission designators, and geographic areas defined in the request except as outlined here.