

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

XE MO

(Class of Station)

WD2XIA

(Call Sign)

0298-EX-ST-2004

(File Number)

NAME Lockheed Martin Corporation

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

Validating F-16 Block 60 Program aircraft HF radio system design.

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 (+/-)
6.55 MHz	MO	100HJ3E	200 W (Output Power)	
6.55 MHz	MO	100HH3E	200 W (Output Power)	
6.55 MHz	MO	100HA1A	200 W (Output Power)	
8.822 MHz	MO	100HJ3E	200 W (Output Power)	
8.822 MHz	MO	100HH3E	200 W (Output Power)	
8.822 MHz	MO	100HA1A	200 W (Output Power)	
10.045 MHz	MO	100HJ3E	200 W (Output Power)	
10.045 MHz	MO	100HH3E	200 W (Output Power)	
10.045 MHz	MO	100HA1A	200 W (Output Power)	
11.288 MHz	MO	100HA1A	200 W (Output Power)	

This authorization effective June 17, 2004 and
will expire 3:00 A.M. EST October 16, 2004

**FEDERAL
COMMUNICATIONS
COMMISSION**



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 (+/-)
11.288 MHz	MO	100HH3E	200 W (Output Power)	
11.288 MHz	MO	100HJ3E	200 W (Output Power)	
11.306 MHz	MO	100HJ3E	200 W (Output Power)	
11.306 MHz	MO	100HH3E	200 W (Output Power)	
11.306 MHz	MO	100HA1A	200 W (Output Power)	
13.312 MHz	MO	100HA1A	200 W (Output Power)	
13.312 MHz	MO	100HH3E	200 W (Output Power)	
13.312 MHz	MO	100HJ3E	200 W (Output Power)	
17.964 MHz	MO	100HA1A	200 W (Output Power)	
17.964 MHz	MO	100HH3E	200 W (Output Power)	
17.964 MHz	MO	100HJ3E	200 W (Output Power)	

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.