

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

EXPERIMENTAL

(Nature of Service)

XC FX MO

(Class of Station)

WC9XJU

(Call Sign)

0243-EX-ST-2006

(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:

Ground-to-ground and air-to-ground telemetry transmissions from an aircraft to a receiving station to measure aircraft performance.

Station Locations

- (1) Marietta (COBB), GA - NL 33-54-24; WL 84-31-09; MOBILE: Marietta (COBB), GA, 20000 feet MSL, within 320 km, centered around NL 33-54-24; WL 84-31-09

Frequency Information

Marietta (COBB), GA - NL 33-54-24; WL 84-31-09; MOBILE: Marietta (COBB), GA, 20000 feet MSL, within 320 km, centered

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1450.5 MHz	FX	15M0FXD	20 W (ERP)	
1450.5 MHz	MO	15M0FXD	20 W (ERP)	
1480.5 MHz	MO	15M0FXD	20 W (ERP)	

This authorization effective June 03, 2006 and
will expire 3:00 A.M. EST December 04, 2006

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Marietta (COBB), GA - NL 33-54-24; WL 84-31-09; MOBILE: Marietta (COBB), GA, 20000 feet MSL, within 320 km, centered

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1480.5 MHz	FX	15M0FXD	20 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) 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.
- (3) Operations must be scheduled a minimum of 24 hours prior to flight testing with the Elgin Frequency Control Analysis (FCA) office at 850-882-5330 (DSN 872-).
- (4) Operations must be coordinated 48 hours prior to testing with Marty Helfrich of the Air Force Material Command at 937-257-5838.
- (5) Prior to testing the Lockheed Martin Corporation needs to coordinate with DOD Gulf Area Frequency Coordinator Joe Giangrosso or Tom Grimalde at 850-882-4416.