

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

EXPERIMENTAL

(Nature of Service)

KO2XBZ

(Call Sign)

XE MO

(Class of Station)

0505-EX-ST-2005

(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:

Flight testing of radar systems under contract to verify operations and integration with other systems on board aircraft.

Station Locations

- (1) MOBILE: Syracuse, Onondaga County, NY, within 370 km, centered around NL 43-06-43; WL 76-11-18
- (2) MOBILE: Phoenix, Maricopa County, AZ, within 500 km, centered around NL 33-25-37; WL 112-22-56

Frequency Information

MOBILE: Syracuse, Onondaga County, NY, within 370 km, centered around NL 43-06-43; WL 76-11-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9700-9900 MHz	MO	25M0M1D	5 kW (ERP)	

This authorization effective September 21, 2005 and
will expire 3:00 A.M. EST February 02, 2006

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Frequency Information

MOBILE: Phoenix, Maricopa County, AZ, within 500 km, centered around NL 33-25-37; WL 112-22-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9700-9900 MHz	MO	25M0M1D	5 kW (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) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by contracts EX9017-C-016-P00, KTX2FXD67 and 4570002644. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.
- (4) Prior scheduling with the Arizona Area Frequency Coordinator is required 30 days prior to schedule use, phone number is (520) 538-6423.
- (5) The system's development is confined for overseas sales with no intentions of marketing the system domestically.