

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

EXPERIMENTAL

(Nature of Service)

WC9XTT

(Call Sign)

XT MO

(Class of Station)

0245-EX-ST-2007

(File Number)

NAME THE BOEING COMPANY

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:

The purpose of the test is to demonstrate the ability of the radar system to form a synthetic aperture, and is required prior to integrating the radar into a test aircraft.

Station Locations

- (1) MOBILE: Edwards Air Force Base, California, within 16 km, centered around NL 34-49-30; WL 117-49-22

Frequency Information

MOBILE: Edwards Air Force Base, California, within 16 km, centered around NL 34-49-30; WL 117-49-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16.2-17.3 GHz	MO	1G10W3N	7943 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.

This authorization effective August 28, 2007 and
will expire 3:00 A.M. EST February 29, 2008

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

(3) Licensee must coordinate with the following:

1) DoD Western Area Frequency Coordinator (WAFC), Pt. Mugu, CA (661-989-7983)

2) Air Force Flight Test Center (AFFTC), Edwards AFB, CA (661-277-2428)

(4) Applicant must coordinate and de-conflict use prior to each test with the Edwards Air Force Base Spectrum Management Office POC below:

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