

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

EXPERIMENTAL

(Nature of Service)

WG2XCV

(Call Sign)

XC FX MO

(Class of Station)

0071-EX-PL-2012

(File Number)

NAME The Boeing Company

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(i) of the Commission's Rules

Station Locations

- (1) China Lake (KERN), CA - NL 35-30-08; WL 117-07-12
- (2) MOBILE: Flight level of 11,000 MSL feet, China Lake, CA, within 20 km, centered around NL 35-30-08; WL 117-07-12

Frequency Information

China Lake (KERN), CA - NL 35-30-08; WL 117-07-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2400-2483 MHz	FX	22M0G1D	24.25 W (ERP)	

MOBILE: Flight level of 11,000 MSL feet, China Lake, CA, within 20 km, centered around NL 35-30-08; WL 117-07-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2400-2483 MHz	MO	22M0G1D	9.7 W (ERP)	

This authorization effective February 28, 2012 and
will expire 3:00 A.M. EST March 01, 2014

**FEDERAL
COMMUNICATIONS
COMMISSION**



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) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9247 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir@sbe.org; information, www.sbe.org.
- (3) 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.
- (4) Operation is subject to prior coordination with the Fixed Microwave licensees in accordance with 47 CFR, Part 101.103(d).
- (5) This authorization is issued for the express purpose of conducting experimental operation described in the related application and required by Department of Defense contract. 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.
- (6) The designated point-of-contract to terminate transmission if interference occurs is Michael R. Abraham at 314-494-0544.