

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

EXPERIMENTAL

(Nature of Service)

XT FX MO

(Class of Station)

WF9XKO

(Call Sign)

0067-EX-ST-2012

(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:

To support UAV demonstrations.

Station Locations

- (1) China Lake (KERN), CA - NL 35-30-08; WL 117-07-12
- (2) MOBILE: Flight level of 6,000 MSL feet, China Lake, CA, within 15 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	9.66 W (ERP)	
2400-2483 MHz	FX	22M0G1D	24.21 W (ERP)	

This authorization effective April 01, 2012 and
will expire 3:00 A.M. EST September 01, 2012

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Flight level of 6,000 MSL feet, China Lake, CA, within 15 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	4.83 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) 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.
- (5) Boeing must coordinate with the Western Area Frequency Coordinator (WAFC), Mr. J. Szelog at (760) 939-6948 prior to the demonstrations.
- (6) The band 2400-2483 MHz is a primary FCC band and all government operations are on a non interference basis to non-government operations. The federal agency using this system may not be able to operate in the band 2400-2483 MHz in many parts of the United States. Suggest building this system in the 4400-4940 MHz band which is a primary Federal band.
- (7) The designated point-of-contact to terminate transmission if interference occurs is Michael R. Abraham at 314-494-0544.