

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

EXPERIMENTAL

(Nature of Service)

WF9XHO

(Call Sign)

XT MO

(Class of Station)

0654-EX-ST-2011

(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:

EMC/EMI, voice and data testing is required to be performed to ensure safe operation of flight/mission systems prior to delivery.

Station Locations

(1) MOBILE: Wichita, KS, within 1 km, centered around NL 37-37-28; WL 97-16-35

Frequency Information

MOBILE: Wichita, KS, within 1 km, centered around NL 37-37-28; WL 97-16-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
138.45 MHz	MO	6K00A3E 25K0A3E 6K00A2D 25K0A2D	17.226 W (ERP)	
139.55 MHz	MO	6K00A3E 25K0A2D 6K00A2D	17.226 W (ERP)	

This authorization effective November 29, 2011 and
will expire 3:00 A.M. EST May 30, 2012

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Wichita, KS, within 1 km, centered around NL 37-37-28; WL 97-16-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
139.55 MHz	MO	25K0A3E	17.226 W (ERP)	
139.625 MHz	MO	6K00A3E 25K0A3E 25K0A2D 6K00A2D	17.226 W (ERP)	
147.1 MHz	MO	6K00A3E 25K0A3E 25K0A2D 6K00A2D	17.226 W (ERP)	
149.325 MHz	MO	6K00A3E 25K0A3E 6K00A2D 25K0A2D	17.226 W (ERP)	
149.525 MHz	MO	6K00A3E 25K0A3E 6K00A2D 25K0A2D	17.226 W (ERP)	
158.5125 MHz	MO	6K00A3E 25K0A2D 6K00A2D 25K0A3E	34.452 W (ERP)	

Frequency Information

MOBILE: Wichita, KS, within 1 km, centered around NL 37-37-28; WL 97-16-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
160.2 MHz	MO	6K00A3E 25K0A3E 6K00A2D 25K0A2D	34.452 W (ERP)	
160.9425 MHz	MO	6K00A3E 25K0A3E 6K00A2D 25K0A2D	34.452 W (ERP)	

Special Conditions:

- (1) 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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) The designated point-of-contact to terminate the systems if having interference occurs is Leo Coughlin at 316-371-7928.
- (5) Operation is NOT permitted using the frequencies 154.95 MHz and 155.5175 MHz due to potential harmful interference Public Safety Homeland Security operations.
- (6) Boeing must be made aware that long term use of these frequencies will require an approved license.