

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

EXPERIMENTAL

(Nature of Service)

WG9XEP

(Call Sign)

XT MO

(Class of Station)

0368-EX-ST-2013

(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:

Aircraft Certification Testing

Station Locations

- (1) MOBILE: Moses Lake, WA, within 60 km, centered around NL 47-12-16; WL 119-18-59
- (2) MOBILE: Rectangular area bounded by 48-00-00N Lat, 123-30-00W Long; 38-00-00N Lat, 123-30-00W Long; 48-00-00N Lat, 128-30-00W Long; 38-00-00N Lat, 128-30-00W Long, West Coast Water, US

Frequency Information

MOBILE: Moses Lake, WA, within 60 km, centered around NL 47-12-16; WL 119-18-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
420-430 MHz	FX	NON	243.2 uW (ERP)	
460-470 MHz	FX	NON	243.2 uW (ERP)	

This authorization effective June 19, 2013 and
will expire 3:00 A.M. EST December 19, 2013

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Moses Lake, WA, within 60 km, centered around NL 47-12-16; WL 119-18-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
488.8-496 MHz	FX	N0N	243.2 uW (ERP)	
810-826 MHz	MO	N0N	4 mW (ERP)	
832-894 MHz	MO	N0N	6.18 mW (ERP)	
915-960 MHz	MO	N0N	1.6 mW (ERP)	
1710-1785 MHz	MO	200KG7W	1 W (ERP)	
1805-1880 MHz	MO	N0N	12.3 mW (ERP)	
1930-1990 MHz	MO	N0N	12.3 mW (ERP)	
2110-2170 MHz	MO	N0N	9.9 mW (ERP)	
2620-2690 MHz	FX	N0N	9.9 mW (ERP)	

Frequency Information

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2110-2170 MHz	FX	N0N	9.9 mW (ERP)	

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2620-2690 MHz	MO	NON	9.9 mW (ERP)	

Special Conditions:

- (1) Operation is subject to prior coordination with affected Educational Broadband Service/Broadband Radio Service (EBS/BRS) licensees.
- (2) Operation in the 824-849 or 869-894 MHz band requires consent of local cellular licensee(s) to avoid interference.
- (3) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9102 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.
- (4) Boeing Company must notch out the frequency bands: 467.967-467.983 MHz and 1773-1777 MHz.
- (5) Licensee must obtain consent from the Advances Wireless Service licensees prior to operation in 1710-1773 MHz, 1777-1785 MHz and 2110-2170 MHz.
- (6) Operation is subject to coordinate with the Fixed Microwave Service licensees in accordance with 47 CFR, Part 101.103 prior to utilizing 915-960 MHz, 1850-1880 MHz and 1930-1990 MHz.
- (7) Operations in the bands 1805-1880 MHz, 1930-1990 MHz and 2110-2170 MHz must not interfere with mobile earth station operations in the mobile satellite service.