

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

EXPERIMENTAL
(Nature of Service)

WF2XBH
(Call Sign)

XT MO
(Class of Station)

0256-EX-RR-2014
(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) MOBILE: Moses Lake, WA, within 40 km, centered around NL 47-12-30; WL 119-19-08

Frequency Information

MOBILE: Moses Lake, WA, within 40 km, centered around NL 47-12-30; WL 119-19-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
824-849 MHz	MO	N0N 300KG7W	2 W (ERP)	
824-849 MHz	MO	5M00G7W	316 mW (ERP)	
880-915 MHz	MO	N0N 300KG7W	2 W (ERP)	
880-915 MHz	MO	5M00G7W	316 mW (ERP)	

This authorization effective October 10, 2014 and
will expire 3:00 A.M. EST October 01, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Moses Lake, WA, within 40 km, centered around NL 47-12-30; WL 119-19-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	MO	N0N 300KG7W	1 W (ERP)	
1710-1755 MHz	MO	5M00G7W	316 mW (ERP)	
1850-1910 MHz	MO	N0N 300KG7W	1 W (ERP)	
1850-1910 MHz	MO	5M00G7W	316 mW (ERP)	
1920-1980 MHz	MO	N0N 5M00G7W	316 mW (ERP)	

Special Conditions:

- (1) Operation in the 824-849 or 869-894 MHz band requires consent of local cellular licensee(s) to avoid interference.
- (2) Operation in the 1850-1910 or 1930-1990 MHz band requires prior frequency coordination with 2 GHz microwave users and consent of PCS licensees to avoid interference.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) 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.
- (5) All aircrafts participating in this experiment shall be US-registered vessels.
- (6) The designated point-of-contact to terminate transmissions if interference occurs is Steve Uhrich at 206-650-2147.
- (7) Operation is NOT permitted on the frequency band 1755 MHz to 1850 MHz.
- (8) Licensee must get consent from the advanced wireless service licensees before experimental operation starts using the frequency 1710-1755 MHz.

