

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

EXPERIMENTAL
(Nature of Service)

WF2XTW
(Call Sign)

XT MO
(Class of Station)

0221-EX-PL-2011
(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: Grant County International Airport, Moses Lake, WA, within 40 km, centered around NL 47-12-30; WL 119-19-08
- (2) MOBILE: Glasgow Industrial Airport, Glasgow, MT, within 40 km, centered around NL 48-25-18; WL 106-31-42
- (3) MOBILE: Klamath Falls Airport, Klamath Falls, OR, within 40 km, centered around NL 42-09-22; WL 121-43-59
- (4) MOBILE: Temporary Fixed, Aircraft on the Ground, Everett, WA, within 1 km, centered around NL 47-54-22; WL 122-16-53
- (5) MOBILE: Temporary Fixed, Aircraft on the Ground, Seattle, WA, within 1 km, centered around NL 47-31-48; WL 122-18-07
- (6) MOBILE: Temporary Fixed, Aircraft on the Ground, Renton, WA, within 1 km, centered around NL 47-29-35; WL 122-12-56

Frequency Information

MOBILE: Grant County International Airport, 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 (+/-)
1805-1890 MHz	MO	NON	0.2 uW (ERP)	

This authorization effective August 17, 2011 and
will expire 3:00 A.M. EST September 01, 2013

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Grant County International Airport, 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 (+/-)
1805-1890 MHz	MO	N0N	7586 pW (ERP)	
1805-1890 MHz	MO	75M0P0N	0.2 uW (ERP)	
1805-1890 MHz	MO	200KG7W	7586 pW (ERP)	

MOBILE: Glasgow Industrial Airport, Glasgow, MT, within 40 km, centered around NL 48-25-18; WL 106-31-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1805-1890 MHz	MO	N0N	0.2 uW (ERP)	
1805-1890 MHz	MO	N0N	7586 pW (ERP)	
1805-1890 MHz	MO	75M0P0N	0.2 uW (ERP)	
1805-1890 MHz	MO	200KG7W	7586 pW (ERP)	

Frequency Information

MOBILE: Klamath Falls Airport, Klamath Falls, OR, within 40 km, centered around NL 42-09-22; WL 121-43-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1805-1890 MHz	MO	N0N	0.2 uW (ERP)	
1805-1890 MHz	MO	N0N	7586 pW (ERP)	
1805-1890 MHz	MO	75M0P0N	0.2 uW (ERP)	
1805-1890 MHz	MO	200KG7W	7586 pW (ERP)	

MOBILE: Temporary Fixed, Aircraft on the Ground, Everett, WA, within 1 km, centered around NL 47-54-22; WL 122-16-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1805-1890 MHz	MO	N0N	7586 pW (ERP)	
1805-1890 MHz	MO	N0N	0.2 uW (ERP)	
1805-1890 MHz	MO	200KG7W	7586 pW (ERP)	
1805-1890 MHz	MO	75M0P0N	0.2 uW (ERP)	

Frequency Information

MOBILE: Temporary Fixed, Aircraft on the Ground, Seattle, WA, within 1 km, centered around NL 47-31-48; WL 122-18-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1805-1890 MHz	MO	N0N	7586 pW (ERP)	
1805-1890 MHz	MO	N0N	0.2 uW (ERP)	
1805-1890 MHz	MO	200KG7W	7586 pW (ERP)	
1805-1890 MHz	MO	75M0P0N	0.2 uW (ERP)	

MOBILE: Temporary Fixed, Aircraft on the Ground, Renton, WA, within 1 km, centered around NL 47-29-35; WL 122-12-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1805-1890 MHz	MO	N0N	7586 pW (ERP)	
1805-1890 MHz	MO	N0N	0.2 uW (ERP)	
1805-1890 MHz	MO	200KG7W	7586 pW (ERP)	
1805-1890 MHz	MO	75M0P0N	0.2 uW (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.

Special Conditions:

- (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) 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 transmissions if interference occurs is Loren Ayotte at 425-647-5011.
- (5) Operation the frequency band 1805-1890 MHz is NOT AUTHORIZED in the area bounded by 48N Lat, 38N Lat, 125 30W Long, 128 30W Long.