

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WF2XAO

(Call Sign)

0180-EX-PL-2009

(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: Glasgow, MT, within 40 km, centered around NL 48-25-18; WL 106-31-42
- (2) MOBILE: Klamath Falls, OR, within 40 km, centered around NL 42-09-22; WL 121-43-59
- (3) MOBILE: International Airspace, Aircraft, PC

Frequency Information

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
824-849 MHz	MO	300KG7W	2 W (ERP)	
880-915 MHz	MO	300KG7W	2 W (ERP)	
1850-1910 MHz	MO	300KG7W	1 W (ERP)	

This authorization effective June 10, 2009 and
will expire 3:00 A.M. EST June 01, 2011

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: 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 (+/-)
824-849 MHz	MO	300KG7W	2 W (ERP)	
880-915 MHz	MO	300KG7W	2 W (ERP)	
1710-1755 MHz	MO	300KG7W	1 W (ERP)	
1850-1910 MHz	MO	300KG7W	1 W (ERP)	

MOBILE: International Airspace, Aircraft, PC

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
824-849 MHz	MO	300KG7W	2 W (ERP)	
880-915 MHz	MO	300KG7W	2 W (ERP)	
1710-1755 MHz	MO	300KG7W	1 W (ERP)	
1850-1910 MHz	MO	300KG7W	1 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.

Special Conditions:

- (2) 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.
- (3) All aircrafts participating in this experiment shall be US-registered vessels.
- (4) The designated point-of-contact to terminate transmissions if interference occurs is Loren Ayotte at 425-647-5011.
- (5) Operation is NOT permitted on the frequency band 1710 MHz to 1785 MHz in the Glasgow, MT area due to cause harmful interference to federal operations.
- (6) Operation is NOT permitted on the frequency band 1755 MHz to 1785 MHz in all other areas.