

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

EXPERIMENTAL
(Nature of Service)

WF2XOO
(Call Sign)

XT FX
(Class of Station)

0450-EX-CR-2020
(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) Glasgow, MT - NL 48-25-18; WL 106-31-42
- (2) Moses Lake, WA - NL 47-12-30; WL 119-19-08
- (3) Klamath Falls, OR - NL 42-09-22; WL 121-43-59

Frequency Information

Glasgow, MT - NL 48-25-18; WL 106-31-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
108-137 MHz	FX	NON	1 mW (ERP)	
329-335 MHz	FX	NON	1 mW (ERP)	
962-1215 MHz	FX	NON	1 mW (ERP)	
1530-1610 MHz	FX	NON	1 mW (ERP)	

This authorization effective November 01, 2020 and
will expire 3:00 A.M. EST November 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Glasgow, MT - NL 48-25-18; WL 106-31-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4200-4400 MHz	FX	N0N	1 mW (ERP)	
5030-5090 MHz	FX	N0N	1 mW (ERP)	

Moses Lake, WA - NL 47-12-30; WL 119-19-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
108-137 MHz	FX	N0N	1 mW (ERP)	
329-335 MHz	FX	N0N	1 mW (ERP)	
962-1215 MHz	FX	N0N	1 mW (ERP)	
1530-1558 MHz	FX	N0N	1 mW (ERP)	
4200-4400 MHz	FX	N0N	1 mW (ERP)	
5030-5090 MHz	FX	N0N	1 mW (ERP)	

Frequency Information

Klamath Falls, OR - NL 42-09-22; WL 121-43-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
108-137 MHz	FX	N0N	1 mW (ERP)	
329-335 MHz	FX	N0N	1 mW (ERP)	
962-1215 MHz	FX	N0N	1 mW (ERP)	
1530-1558 MHz	FX	N0N	1 mW (ERP)	
4200-4400 MHz	FX	N0N	1 mW (ERP)	
5030-5090 MHz	FX	N0N	1 mW (ERP)	

Special Conditions:

- (1) Assignment in frequency band 960-1400, 2700-2900, or 9000-9200 MHz was coordinated prior to authorization with the FAA Northwest Coordinator, Seattle, WA. Use of frequencies under the authority of this assignment is subject to such further coordination with the FAA Northwest Coordinator, Seattle, WA, as necessary to ensure compatibility with existing uses.
- (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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) The designated point-of-contact to terminate transmissions if interference occurs are Ryan Carlson: (206) 662-3902.
- (5) Operation is subject to prior coordination with FAA Northwest Regional Office, 1601 Lind Avenue, S.W. Renton, Washington 98055. Phone: 206-227-2464.
- (6) Operation is NOT PERMITTED use of the frequency band 1558-1610 MHz in Moses Lake, WA and Klamath Falls, OR.

Special Conditions:

- (7) Operation on this assignment is subject to immediate cessation if it causes harmful interference to FAA operations.
- (8) Stepped sweep every 0.5 MHz is only dwelling 10 microsec per frequency (only 1 sweep, no multiples).
- (9) No interference is received with the FAA COMM/NAV/GPS operations. Boeing will follow all FAA restrictions in order to perform the experiment.
- (10) Licensee must coordinate with other users as necessary to minimize interference.
- (11) Renewal of this License is subject to prior coordination with AFTRCC Frequency Advisory Committee, www.aftrcc.org.