

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

EXPERIMENTAL

(Nature of Service)

WF2XDT

(Call Sign)

XT FX

(Class of Station)

0371-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) Mansfield, WA - NL 47-48-35; WL 119-38-10

Frequency Information

Mansfield, WA - NL 47-48-35; WL 119-38-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1090 MHz	FX	11M9V7D	250 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.
- (2) Operation is subject to prior coordination with FAA Northwest Regional Office, 1601 Lind Avenue, S.W. Renton, Washington 98055 Phone 206-227-2464.
- (3) Licensee should be aware that other stations may be licensed on 1090 MHz and if any interference occurs, the licensee at this location will be subject to immediate shut down.
- (4) The designated point-of-contact to terminate transmission if interference occurs is Tom Fisher at 206-662-2573.
- (5) Licensee must pre-coordination with Seattle FAA office prior to turning on the equipment. Points of Contact are Vu Pham at 425-227-2480 and Dan O'Rear at 425-227-2637.

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

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COMMUNICATIONS
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Special Conditions:

- (6) Operation is subject to prior coordination with FAA ANM Office 425-227-2637. Ground Station FCC Callsign is WF2XDT. Forcing the altitude of the licensed ground-based transponder above sea level can be done provided that the event is coordinated with and approved by the local FAA and ARTC and lasts a very minimal amount of time. The transponder with the false altitude setting will not be turned on until the certified test aircraft establishes contact with the ground test site and is within 7 NM. The ground transponder will be immediately shut off after test AC receives false alert or causing interference to other stations.