

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WF2XRI

(Call Sign)

0163-EX-CR-2021

(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: Seattle, WA, within 15 km, centered around NL 47-30-57; WL 122-17-42

Frequency Information

MOBILE: Seattle, WA, within 15 km, centered around NL 47-30-57; WL 122-17-42

| Frequency  | Station Class | Emission Designator                                 | Authorized Power | Frequency Tolerance (+/-) |
|------------|---------------|-----------------------------------------------------|------------------|---------------------------|
| 138.25 MHz | MO            | 75K0F1B<br>75K0F3D<br>199KF1D<br>210KF3D<br>360KF9D | 0.15 W (ERP)     |                           |
| 162.25 MHz | MO            | 75K0F1B<br>75K0F3D<br>199KF1D<br>210KF3D<br>360KF9D | 0.15 W (ERP)     |                           |

This authorization effective June 10, 2021 and  
will expire 3:00 A.M. EST June 01, 2023

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

MOBILE: Seattle, WA, within 15 km, centered around NL 47-30-57; WL 122-17-42

| Frequency  | Station Class | Emission Designator                                 | Authorized Power | Frequency Tolerance (+/-) |
|------------|---------------|-----------------------------------------------------|------------------|---------------------------|
| 163.75 MHz | MO            | 75K0F1B<br>75K0F3D<br>199KF1D<br>210KF3D<br>360KF9D | 0.15 W (ERP)     |                           |
| 166 MHz    | MO            | 75K0F1B<br>75K0F3D<br>199KF1D<br>210KF3D<br>360KF9D | 0.15 W (ERP)     |                           |
| 166.75 MHz | MO            | 75K0F1B<br>75K0F3D<br>199KF1D<br>210KF3D<br>360KF9D | 0.15 W (ERP)     |                           |
| 172.75 MHz | MO            | 75K0F1B<br>75K0F3D<br>199KF1D<br>210KF3D<br>360KF9D | 0.15 W (ERP)     |                           |

## Special Conditions:

- (1) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9102 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, [executivedir@sbe.org](mailto:executivedir@sbe.org); information, [www.sbe.org](http://www.sbe.org).
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

**Special Conditions:**

- (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) Operation is NOT PERMITTED on the frequency 155.5 MHz due to potential harmful interference to Public Safety and Homeland Security operations.
- (5) The designated point-of-contact to terminate transmissions if interference occurs is Jay Turney (253) 394-1397.