

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

EXPERIMENTAL

(Nature of Service)

WF2XVA

(Call Sign)

XT      FX

(Class of Station)

0235-EX-RR-2015

(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(k) of the Commission's Rules

Station Locations

(1) Glasgow (VALLEY), MT - NL 48-25-18; WL 106-31-42

Frequency Information

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

| Frequency      | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|----------------|---------------|---------------------|------------------|---------------------------|
| 30-74.6 MHz    | FX            | N0N                 | 20 W (ERP)       |                           |
| 75.4-107.9 MHz | FX            | N0N                 | 20 W (ERP)       |                           |
| 137-225 MHz    | FX            | N0N                 | 20 W (ERP)       |                           |
| 400-405 MHz    | FX            | N0N                 | 20 W (ERP)       |                           |

This authorization effective July 01, 2015 and  
will expire 3:00 A.M. EST July 01, 2017

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

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

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 407-412 MHz     | FX            | N0N                 | 20 W (ERP)       |                           |
| 417-932 MHz     | FX            | N0N                 | 20 W (ERP)       |                           |
| 935-941 MHz     | FX            | N0N                 | 20 W (ERP)       |                           |
| 944-959 MHz     | FX            | N0N                 | 20 W (ERP)       |                           |
| 1427-1435 MHz   | FX            | N0N                 | 20 W (ERP)       |                           |
| 1535-1545 MHz   | FX            | N0N                 | 20 W (ERP)       |                           |
| 1610-1645.5 MHz | FX            | N0N                 | 20 W (ERP)       |                           |
| 1668.4-1710 MHz | FX            | N0N                 | 20 W (ERP)       |                           |
| 1847-2700 MHz   | FX            | N0N                 | 20 W (ERP)       |                           |
| 3100-4200 MHz   | FX            | N0N                 | 20 W (ERP)       |                           |

## Frequency Information

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

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 4400-5000 MHz   | FX            | N0N                 | 20 W (ERP)       |                           |
| 5250-5600 MHz   | FX            | N0N                 | 20 W (ERP)       |                           |
| 5650-7125 MHz   | FX            | N0N                 | 20 W (ERP)       |                           |
| 8500-9000 MHz   | FX            | N0N                 | 20 W (ERP)       |                           |
| 9200-9300 MHz   | FX            | N0N                 | 20 W (ERP)       |                           |
| 9500-14523 MHz  | FX            | N0N                 | 20 W (ERP)       |                           |
| 15322-15700 MHz | FX            | N0N                 | 20 W (ERP)       |                           |
| 16200-18000 MHz | FX            | N0N                 | 20 W (ERP)       |                           |

## Special Conditions:

- (1) This frequency assignment in one of the bands 1435-1525, 2310-2320 and 2345-2390 MHz was coordinated prior to its authorization with AFMO CONUS, Ft. Sam Houston, TX, who also coordinated it, as appropriate, with the Aerospace and Flight Test Radio Coordinating Council. Use of this frequency under the authority of this assignment is subject to such further coordination with AFMO CONUS, Ft. Sam Houston, TX, as necessary to ensure compatibility with existing uses.
- (2) Operation is subject to prior coordination with the Associated Public Safety Communications Officers, Inc. (APCO); ATTN: Director of Frequency Coordination; 351 North Williamson Blvd.; Daytona Beach, FL 32114-1112; Telephone: (386) 322-2500.

**Special Conditions:**

- (3) Operation in the 824-849 or 869-894 MHz band requires consent of local cellular licensee(s) to avoid interference.
- (4) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (5) 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.
- (6) Operations subject to coordination prior to activation and, as appropriate, possible scheduling with FAA WSA Office.
- (7) Licensee must notch out all frequencies per FAA prior coordination and is subject to immediate shut down in the event of any harmful interference.
- (8) Operation is NOT PERMITTED in the frequency 75.2 -75.4 MHz, 156.775-156.825 MHz, 161.95-162.05 MHz, 608-614 MHz and 15350-15400 MHz.
- (9) Licensee must get consent from Advanced Wireless Service licensees prior to operation on 1710-1755 MHz, 1915-1920 MHz, 1995-2000 MHz, 2020-2025 MHz, and 2110-2180 MHz.
- (10) Licensee must get consent from EBS/BRS licensees prior to operation on 2500-2690 MHz.
- (11) Maintain separation from grandfathered earth stations as defined in Part 90 subpart Z, or coordinate an agreement with the grandfathered earth station licensees prior to operation on 3650-3700 MHz.
- (12) Consult the ULS database to ensure that the operations will not cause harmful interference to any existing registered stations in the 3650-3700 MHz, and notify registered users in the area prior to operation on 3650-3700 MHz.
- (13) Licensee must coordinate with the local SBE coordinator and with the existing and future Fixed Microwave Service licensees in accordance with 47 CFR, Part 101.103(d) prior to operation on the rest of the proposed frequencies/frequency bands.
- (14) The licensee shall not constrain or limit the present or future growth of non-Federal and Federal radio services in the area of operation. Furthermore, the licensee shall:  
(1.) be responsible for remedying RF interference caused to non-Federal and Federal users including terminating transmissions if necessary to resolve interference, (2.) maintain a transmission log as a standard operating procedure, (3.) periodically check the FCC licensing databases to monitor the authorizations granted in the area of operation, and (4.) notify appropriate the FCC Field Office(s) of the test locations and duration of operation.  
Matt Williams, Desk 425-342-5891/Cell# 360-813-4038  
James Skala, Desk 425-266-5671/Cell# 425-876-0740
- (15) The designated point-of-contact to terminate transmission if interference occurs is Keith Harbo at 425-342-3554 (office)/425-238-2206 (cell)  
Matt Williams at 425-342-5891 (office)/360-813-4038 (cell) and  
James Skala at 425-266-5671 (office)/425-876-0740 (cell).
- (16) The bands 2310-2320 MHz and 2345-2360 MHz have been reallocated on a primary basis to the Wideband Communications Service (WCS). Additional coordination with WCS is required.
- (17) Operation is NOT permitted using the frequency band 755-776 MHz and 788-806 MHz

**Special Conditions:**

- (18) Boeing must coordinate with Aerospace and Flight Test Radio Coordinating Council prior to operate 1435-1525 MHz, 2310-2320 MHz and 2345-2360 MHz for the renewal of license.