

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

EXPERIMENTAL

(Nature of Service)

XT      FX

(Class of Station)

WF2XTH

(Call Sign)

0292-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(i) of the Commission's Rules

Station Locations

(1) St. Charles (ST CHARLES), MO - NL 38-55-36; WL 90-25-24

Frequency Information

St. Charles (ST CHARLES), MO - NL 38-55-36; WL 90-25-24

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 451-459 MHz   | FX            | N0N                 | 2.9 W (ERP)      |                           |
| 471-589 MHz   | FX            | N0N                 | 2.9 W (ERP)      |                           |
| 615-959 MHz   | FX            | N0N                 | 3.8 W (ERP)      |                           |
| 1221-1400 MHz | FX            | N0N                 | 5.8 W (ERP)      |                           |

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

**FEDERAL  
COMMUNICATIONS  
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## Frequency Information

St. Charles (ST CHARLES), MO - NL 38-55-36; WL 90-25-24

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 1851-1999 MHz   | FX            | N0N                 | 8.417 W (ERP)    |                           |
| 3700-4009 MHz   | FX            | N0N                 | 8.814 W (ERP)    |                           |
| 4191-4999 MHz   | FX            | N0N                 | 11.096 W (ERP)   |                           |
| 5901-5999 MHz   | FX            | N0N                 | 14.294 W (ERP)   |                           |
| 6421-7129 MHz   | FX            | N0N                 | 18.414 W (ERP)   |                           |
| 7661-8409 MHz   | FX            | N0N                 | 21.142 W (ERP)   |                           |
| 12191-15449 MHz | FX            | N0N                 | 35.088 W (ERP)   |                           |
| 16200-50000 MHz | FX            | N0N                 | 38.473 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.
- (3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.

**Special Conditions:**

- (4) 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.
- (5) 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.
- (6) Operation is subject to prior coordination with the FAA Central Regional Office, 601 East 12th St., Kansas City, Missouri 64106, ATTN: Frequency Management Office: PH 816-426-5647.
- (7) Operation is NOT PERMITTED using the following frequency bands: 460-470 MHz, 608-614MHz, 756-805 MHz, 1400-1426 MHz, 1559-1619 MHz, 4200-4400 MHz and 15600-16200 MHz.
- (8) The designated point-of-contact to terminate transmissions if interference occurs is John Vortmeier at 636-250-3814.
- (9) Operation is subject prior coordination with microwave users and consent of PCS licensees to avoid interference.