

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

EXPERIMENTAL

(Nature of Service)

XT      FX

(Class of Station)

WF2XBZ

(Call Sign)

0177-EX-RR-2011

(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) El Segundo (LOS ANGELES), CA - NL 33-55-45; WL 118-23-17

Frequency Information

El Segundo (LOS ANGELES), CA - NL 33-55-45; WL 118-23-17

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 3625-3700 MHz   | FX            | NON                 | 14297 W (ERP)    | 0.001 %                   |
| 3700-4200 MHz   | FX            | NON                 | 14297 W (ERP)    | 0.001 %                   |
| 10915-10955 MHz | FX            | NON                 | 72652 W (ERP)    | 0.001 %                   |
| 11450-12200 MHz | FX            | NON                 | 72652 W (ERP)    | 0.001 %                   |

This authorization effective August 01, 2011 and  
will expire 3:00 A.M. EST August 01, 2013

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

El Segundo (LOS ANGELES), CA - NL 33-55-45; WL 118-23-17

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 12200-12750 MHz | FX            | NON                 | 72652 W (ERP)    | 0.001 %                   |

## Special Conditions:

- (1) 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Operation must be maintain separation from the incumbent, grandfathered fixed satellite service earth stations as defined in Part 90, Subpart Z.
- (4) Ensure that the proposed experimental operation will not cause harmful interference to any existing registered stations using the 3650-3700 MHz band and notify registered users in the area.
- (5) Operation is subject to prior coordination with Fixed Point to Point and Multiple Address System licensees in the immediate area.
- (6) Prior to activation, licensee must coordinate with other users as necessary to minimize interference.
- (7) The Stop Buzzer, Mr. Andy Kopito, 310-364-7209 (phone) and 310-994-2735 (cell) must be available during testing to terminate transmissions if interference occurs.
- (8) Prior to activation, licensee must coordinate with Western Area Frequency Coordinator (760) 939-6832/6948.
- (9) Operation is subject to prior coordination with existing and future Fixed Microwave Service licensees in accordance with 47 CFR, Part 101.103(d) prior to utilizing the proposed frequency bands, 3700-4200 MHz, 10915-10955 MHz, 11450-12200 MHz and 12200-12750 MHz.