

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

EXPERIMENTAL

(Nature of Service)

XR      FX

(Class of Station)

KB2XEU

(Call Sign)

0041-EX-RR-2014

(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(a) of the Commission's Rules

Station Locations

(1) EL SEGUNDO (LOS ANGELES), CA - NL 33-55-09; WL 118-23-34

Frequency Information

EL SEGUNDO (LOS ANGELES), CA - NL 33-55-09; WL 118-23-34

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 1535-1559 MHz | FX            | N0N                 | 0.04 W (ERP)     |                           |
| 3650-4200 MHz | FX            | N0N                 | 0.04 W (ERP)     |                           |
| 5925-6500 MHz | FX            | N0N                 | 0.04 W (ERP)     |                           |
| 7250-7500 MHz | FX            | N0N                 | 0.04 W (ERP)     |                           |

This authorization effective May 01, 2014 and  
will expire 3:00 A.M. EST May 01, 2016

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

EL SEGUNDO (LOS ANGELES), CA - NL 33-55-09; WL 118-23-34

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 7975-8025 MHz   | FX            | N0N                 | 0.04 W (ERP)     |                           |
| 11700-12750 MHz | FX            | N0N                 | 0.04 W (ERP)     |                           |
| 14000-14500 MHz | FX            | N0N                 | 0.04 W (ERP)     |                           |
| 14000-14200 MHz | FX            | N0N                 | 0.04 W (ERP)     |                           |
| 14400-14500 MHz | FX            | N0N                 | 0.04 W (ERP)     |                           |
| 17370-17700 MHz | FX            | N0N                 | 0.04 W (ERP)     |                           |
| 17800-22540 MHz | FX            | N0N                 | 0.04 W (ERP)     |                           |
| 27500-31000 MHz | FX            | N0N                 | 0.04 W (ERP)     |                           |
| 30000-31000 MHz | FX            | N0N                 | 0.04 W (ERP)     |                           |
| 35900-38100 MHz | FX            | N0N                 | 0.04 W (ERP)     |                           |

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| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 56000-58200 MHz | FX            | N0N                 | 0.04 W (ERP)     |                           |
| 59000-64000 MHz | FX            | N0N                 | 0.04 W (ERP)     |                           |
| 65000-67300 MHz | FX            | N0N                 | 0.04 W (ERP)     |                           |
| 83750-86000 MHz | FX            | N0N                 | 0.04 W (ERP)     |                           |
| 148.5-151.5 GHz | FX            | N0N                 | 0.04 W (ERP)     |                           |
| 185-190 GHz     | FX            | N0N                 | 0.04 W (ERP)     |                           |

## Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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) Subject to coordination with the Western Area Frequency Coordinator located at the Navy Pacific Missile Test Center, Pt. Mugu, Cal., prior to use within a 322 kilometer radius of Pt. Mugu or in California south of Latitude 37 30' North. Coordinate with WAFC prior to testing 760-939-6948.
- (5) Operations under the authority of this assignment are subject to immediate adjustment, including cessation, if they result in harmful interference to the operations of the FAA assignments.
- (6) Operation is NOT PERMITTED using the frequency bands 1610-1660 MHz and 14200-14400 MHz.