

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

EXPERIMENTAL

(Nature of Service)

XC      FX

(Class of Station)

WD2XHX

(Call Sign)

0213-EX-RR-2011

(File Number)

NAME Boeing Company, The

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(b) of the Commission's Rules

Station Locations

(1) St. Charles, MO - NL 38-48-17; WL 90-28-14

Frequency Information

St. Charles, MO - NL 38-48-17; WL 90-28-14

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 1575.42 MHz | FX            | 10M0G7D             | 0.001 pW (ERP)   | 0.001 %                   |

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) The designated point-of-contacts to terminate transmissions if interference occurs is Mr. Michael C. Roche, tel: (314) 777-8823 or (314) 922-0660.
- (4) Operation is limited to activity for the purpose of testing radionavigation satellite service (RNSS) equipment and systems.
- (5) Boeing Company shall post signs on doors to the test area notifying that, "GPS re-radiator is in use and the GPS information you receive may be in error."
- (6) No EIRP greater than -140 dBm/24 MHz at 100 feet is used.

This authorization effective September 01, 2011 and  
will expire 3:00 A.M. EST September 01, 2012

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



**Special Conditions:**

- (7) The test equipment shall only be used in doors and shall be under the control of Boeing Company.
- (8) GPS users in the area of potential interference to GPS reception must be notified that GPS information may be impacted for periods of time.