

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WD2XFK

(Call Sign)

0362-EX-RR-2013

(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) MOBILE: Nationwide, US

Frequency Information

MOBILE: Nationwide, US

| Frequency       | Station Class | Emission Designator                                                       | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------------------------------------------------------------|------------------|---------------------------|
| 11200-12750 MHz | MO            | 32M4G7W                                                                   | 28.8 kW (ERP)    |                           |
| 14000-14500 MHz | MO            | 32M4G7W<br>29M5G7W<br>24M3G7W<br>20M0G7W<br>11M9G7W<br>6M75G7W<br>3M40G7W | 40.7 kW (ERP)    |                           |

This authorization effective January 01, 2014 and  
will expire 3:00 A.M. EST April 11, 2015

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



**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) Licensee shall comply with the coordination requirements of Sections 25.222(d) and (e) of the Commission rules.
- (4) Licensee shall maintain location information according to Section 25.222(c)(1) of the Commission rules.
- (5) Emergency point of contact is designated as follows: Stephen A. Day at 253-657-5603, Bldg 18-61, Office 22H2, 20403 68th Avenue S, Kent, Washington 98203.
- (6) Licensee shall comply with the 2-degree spacing off-axis EIRP limits.
- (7) Licensee must notify adjacent satellite operators within six degrees prior to operation.
- (8) Earth station operations are limited to U.S.-registered vessels only.
- (9) Operation is subject to immediate cessation, if it causes harmful interference to NASA operations.
- (10) Operation is subject to prior coordination with NASA: Roger Porter at 302-286-5089.
- (11) Operation within 100 miles of NASA Dryden Flight Research Center (355630N 1175312W) is subject to prior coordination with NASA: Rich Rood at 661-276-2138.