

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

EXPERIMENTAL
(Nature of Service)

WD2XFK
(Call Sign)

XT MO
(Class of Station)

0002-EX-CR-2017
(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 29M5G7W 24M3G7W 20M0G7W 11M9G7W 6M75G7W 3M40G7W	40.7 kW (ERP)	

This authorization effective April 01, 2017 and
will expire 3:00 A.M. EST April 01, 2019

**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.