

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

EXPERIMENTAL

(Nature of Service)

WH2XSB

(Call Sign)

XT MO

(Class of Station)

0042-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(h) of the Commission's Rules

Station Locations

- (1) MOBILE: Flight level 40,000 ft AGL, Seattle, WA, within 400 km, centered around NL 47-32-18; WL 122-18-51
- (2) MOBILE: Flight level 40,000 ft AGL, Moses Lake, WA, within 400 km, centered around NL 47-12-24; WL 119-19-13

Frequency Information

MOBILE: Flight level 40,000 ft AGL, Seattle, WA, within 400 km, centered around NL 47-32-18; WL 122-18-51

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2351 MHz	MO	6M00M2D	25 W (ERP)	

MOBILE: Flight level 40,000 ft AGL, Moses Lake, WA, within 400 km, centered around NL 47-12-24; WL 119-19-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2351 MHz	MO	6M00M2D	25 W (ERP)	

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

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) This frequency assignment in one of the bands 1435-1525, 2310-2320 and 2345-2390 MHz was coordinated prior to its authorization with AFMO CONUS, Ft. Sam Houston, TX, who also coordinated it, as appropriate, with the Aerospace and Flight Test Radio Coordinating Council. Use of this frequency under the authority of this assignment is subject to such further coordination with AFMO CONUS, Ft. Sam Houston, TX, as necessary to ensure compatibility with existing uses.
- (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) The designated point-of-contact to terminate the systems if interference occurs is David Black, 206-544-8583 and Boeing Test operations center at 206-544-8583.