

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WI2XPD

(Call Sign)

0207-EX-CM-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: 1500 Foot Flight Level, Camp Atterbury, IN, within 40 km, centered around NL 39-20-22; WL 86-01-10
- (2) MOBILE: 5000 Foot Flight Level, Camp Robert, CA, within 8 km, centered around NL 35-43-03; WL 120-46-00

Frequency Information

MOBILE: 1500 Foot Flight Level, Camp Atterbury, IN, within 40 km, centered around NL 39-20-22; WL 86-01-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	MO	230KF1D	2 W (ERP)	
1370-1390 MHz	MO	230KF1D	1 W (ERP)	
2300-2310 MHz	MO	16M0F3F	2 W (ERP)	

This authorization effective December 08, 2017 and
will expire 3:00 A.M. EST November 30, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: 1500 Foot Flight Level, Camp Atterbury, IN, within 40 km, centered around NL 39-20-22; WL 86-01-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2355-2482 MHz	MO	16M0F3F	2 W (ERP)	

MOBILE: 5000 Foot Flight Level, Camp Robert, CA, within 8 km, centered around NL 35-43-03; WL 120-46-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	MO	230KF1D	5 W (ERP)	
1370-1390 MHz	MO	230KF1D	1 W (ERP)	
2300-2310 MHz	MO	16M0F3F	2 W (ERP)	
2355-2482 MHz	MO	16M0F3F	2 W (ERP)	

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) 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.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) All customers participating in the experiment shall be informed that this operation is for experimental purposes only and can be cancelled at any time.

Special Conditions:

- (5) The applicant must coordinate with the local Society of Broadcast Engineer frequency coordinator and the Fixed Microwave Service licensees prior to operation in 2300-2500 MHz band.
- (6) The applicant must be "notification" of Location & Monitoring Service licensees (902-928 MHz) within 100 miles of the test area.
- (7) This frequency assign was coordinated prior to authorization with FAA Headquarters, 800 Independence Avenue, S.W., Washington, D.C 20591. Phone: 202-267-8699.
- (8) During transmission, aircraft shall not exceed the altitude listed in the circuit remarks field 5000 ft. AGL.
- (9) These tests will not be associated with any jamming activity.
- (10) The designated point-of-contacts to terminate transmissions if interference should occur are: Christopher M. Eisele, at (509) 637-5310; Peter A. Drain, at (314) 705-9332; (or) Jeffrey J. Kraus, at (314) 941-2968.