

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WI2XPD

(Call Sign)

XT MO

(Class of Station)

0464-EX-ST-2017

(File Number)

NAME The Boeing Company

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

To support ground testing of a UAS system for potential customers.

Station Locations

- (1) MOBILE: Up to 5000 Ft. AGL, Camp Roberts, CA, within 8 km, centered around NL 35-43-03; WL 120-46-00

Frequency Information

MOBILE: Up to 5000 Ft. AGL, Camp Roberts, 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	2 W (ERP)	
2300-2310 MHz	MO	16M0F3F	2 W (ERP)	
2355-2482 MHz	MO	16M0F3F	2 W (ERP)	

This authorization effective May 15, 2017 and
will expire 3:00 A.M. EST November 15, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) All customers participating in the experiment shall be informed that this operation is for experimental purposes only and can be cancelled at any time.
- (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 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.
- (5) The applicant must get "consent" of all Wireless Communications Service licensees (2305-2310 MHz/2355-2360 MHz) within 50 miles of the test area.
- (6) The applicant must be "notification" of Location & Monitoring Service licensees (902-928 MHz) within 50 miles of the test area.
- (7) These tests will not be associated with any jamming activity.
- (8) Testing will take place in R-2504A Restricted Airspace (McMillan Airfield).
- (9) The designated point-of-contacts to terminate transmissions if interference should occur are: Thomas D. Rice at (314) 323-7394; Christopher M. Eisele, at (509) 637-5310; Peter A. Drain at (314) 705-9332; (or) Jeffrey J. Kraus at (314) 941-2968.
- (10) This frequency assignment in one of the bands 1435-1525, 2310-2320 and 2345-2390 MHz was coordinated prior to authorization with the Area Frequency Coordinator (AFC), who also coordinated it, as appropriate, with Aerospace and Flight Test Radio coordinating Council. Use of this frequency under the authority of this assignment is subject to such further coordination with the AFC, as necessary to ensure compatibility with existing uses.