

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WI2XJX

(Call Sign)

0342-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: Fort Irwin, CA, within 30 km, centered around NL 35-20-58; WL 116-35-39

Frequency Information

MOBILE: Fort Irwin, CA, within 30 km, centered around NL 35-20-58; WL 116-35-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
30-60 MHz	MO	10K0F9W	1 kW (ERP)	
138-150 MHz	MO	10K0F9W	1 kW (ERP)	
433.05-434.79 MHz	MO	10K0F9W	1 kW (ERP)	
2.4-2.5 GHz	MO	10K0F9W	1 kW (ERP)	

This authorization effective October 06, 2017 and
will expire 3:00 A.M. EST October 01, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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) Prior to operation, licensee must coordinate with stations authorized to operate in these frequency bands that are located within a within a 25 mile radius of the transmitter.
- (4) Operations will be on a strict non-interference basis.
- (5) Prior to the start of operations, a stop buzzer point of contact will be identified to the Air Force.

Jennifer Corzo

Email: jennifer.corzo.2@us.af.mil

Phone: 301-225-3719

- (6) Prior to the start of operations, the Boeing Company must coordinate with the Western Area Frequency Coordinator (WAFC), Mr. J. Heaton at (760) 939-6948 (Jamie.heaton@navy.mil). The Boeing Company must also comply with any and all restrictions that may be levied by WAFC.
- (7) Boeing Company must notch the 38.0 to 38.25 MHz band, to protect the daily operations of the Radio Astronomy facilities in California and New Mexico. The NSF notes US81.
- (8) Boeing Company must coordinate with the Fixed Microwave Service licensees in accordance with 47 CFR, Part 101.103(d) prior to operation in 2.4-2.5 GHz band.
- (9) Boeing Company must coordinate with the local Society of Broadcast Engineer frequency coordinator prior to accessing to 30-60 MHz and 2.4-2.5 GHz bands.
- (10) The designated point-of-contact to terminate the system if interference occurs is Donald Behr 240-751-5717.