

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WG2XAI

(Call Sign)

0512-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: Palmdale, CA, within 402 km, centered around NL 34-37-23; WL 118-04-55
- (2) MOBILE: Berkeley, MO, within 402 km, centered around NL 38-45-26; WL 90-22-13

Frequency Information

MOBILE: Palmdale, CA, within 402 km, centered around NL 34-37-23; WL 118-04-55

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5091-5150 MHz	MO	5M00F9W	50 W (ERP)	
		10M0F9W		
		20M0F9W		
		20M0G9W		

MOBILE: Berkeley, MO, within 402 km, centered around NL 38-45-26; WL 90-22-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5091-5150 MHz	MO	5M00F9W	50 W (ERP)	
		10M0F9W		

This authorization effective January 31, 2018 and
will expire 3:00 A.M. EST February 01, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Berkeley, MO, within 402 km, centered around NL 38-45-26; WL 90-22-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5091-5150 MHz	MO	20M0F9W 20M0G9W	50 W (ERP)	

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) Operation is subject to prior coordination with FAA Western Regional Office, P.O. BOX 92007, Worldway Center, Los Angeles, California 90009, ATTN: Frequency Management Office: PH 310-297-1872.
- (4) The designated point-of-contact to terminate transmission if interference occurs is Ron Center at 206-218-8568
- (5) Operation in Berkeley, MO is subject to prior coordination with FAA Central Regional Office, 601 East 12th St., Kansas City, Missouri 64106, ATTN: Frequency Management Office: PH 816-426-5647.
- (6) This license is requested coordination with FAA Regional Office before submitting a renewal application.