

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WH2XNW

(Call Sign)

0587-EX-CR-2021

(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: Palmdale, CA, within 370.4 km, centered around NL 34-34-47; WL 118-10-39
- (2) MOBILE: Flagstaff, AZ, within 370.4 km, centered around NL 35-08-24; WL 111-37-15
- (3) MOBILE: Las Cruces, NM, within 370.4 km, centered around NL 32-17-17; WL 106-55-12
- (4) MOBILE: St. Louis, MO, within 370.4 km, centered around NL 38-44-53; WL 90-21-01
- (5) MOBILE: Pensacola, FL, within 370.4 km, centered around NL 30-44-53; WL 87-11-11
- (6) MOBILE: Huntsville, AL, within 370.4 km, centered around NL 34-38-26; WL 86-46-32

Frequency Information

MOBILE: Palmdale, CA, within 370.4 km, centered around NL 34-34-47; WL 118-10-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
33-35 GHz	MO	1G00W3N	600 kW (ERP)	
34 GHz	MO	1G00W3N	600 kW (ERP)	

This authorization effective January 01, 2022 and
will expire 3:00 A.M. EST January 01, 2023

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Flagstaff, AZ, within 370.4 km, centered around NL 35-08-24; WL 111-37-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
33-35 GHz	MO	1G00W3N	600 kW (ERP)	
34 GHz	MO	1G00W3N	600 kW (ERP)	

MOBILE: Las Cruces, NM, within 370.4 km, centered around NL 32-17-17; WL 106-55-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
33-35 GHz	MO	1G00W3N	600 kW (ERP)	
34 GHz	MO	1G00W3N	600 kW (ERP)	

MOBILE: St. Louis, MO, within 370.4 km, centered around NL 38-44-53; WL 90-21-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
33-35 GHz	MO	1G00W3N	600 kW (ERP)	
34 GHz	MO	1G00W3N	600 kW (ERP)	

Frequency Information

MOBILE: Pensacola, FL, within 370.4 km, centered around NL 30-44-53; WL 87-11-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
33-35 GHz	MO	1G00W3N	600 kW (ERP)	
34 GHz	MO	1G00W3N	600 kW (ERP)	

MOBILE: Huntsville, AL, within 370.4 km, centered around NL 34-38-26; WL 86-46-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
33-35 GHz	MO	1G00W3N	600 kW (ERP)	
34 GHz	MO	1G00W3N	600 kW (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) Stop Buzzer, James Viney at (256) 850-5141.
- (4) Prior to activation, the applicant must coordinate with WAFC at 760-939-6948.
- (5) Per clearance upon notification from the FCC, operation on this assignment is subject to immediate cessation, if it causes harmful interference to military operations assignments.