

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WI2XUT

(Call Sign)

0541-EX-CR-2018

(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: San Antonio, TX, within 2 km, centered around NL 29-22-30; WL 98-34-22

Frequency Information

MOBILE: San Antonio, TX, within 2 km, centered around NL 29-22-30; WL 98-34-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
121.15 MHz	MO	5K00A3E 6K00A3E	0.02 W (ERP)	
121.175 MHz	MO	6K00A3E 5K00A3E	0.02 W (ERP)	
121.185 MHz	MO	5K00A3E 6K00A3E	30 W (ERP)	
121.19 MHz	MO	5K00A3E	30 W (ERP)	

This authorization effective February 01, 2019 and
will expire 3:00 A.M. EST February 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: San Antonio, TX, within 2 km, centered around NL 29-22-30; WL 98-34-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
121.19 MHz	MO	6K00A3E	30 W (ERP)	
121.2 MHz	MO	5K00A3E 6K00A3E	30 W (ERP)	
123.025 MHz	MO	5K00A3E 6K00A3E	30 W (ERP)	
123.125 MHz	MO	5K00A3E 6K00A3E	30 W (ERP)	
130.285 MHz	MO	5K00A3E 6K00A3E 10K0A3D	32 W (ERP)	
131.25 MHz	MO	5K00A3E 6K00A3E 10K0A3D	32 W (ERP)	
131.275 MHz	MO	5K00A3E 6K00A3E 10K0A3D	32 W (ERP)	
131.29 MHz	MO	5K00A3E 6K00A3E	32 W (ERP)	

Frequency Information

MOBILE: San Antonio, TX, within 2 km, centered around NL 29-22-30; WL 98-34-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
131.29 MHz	MO	10K0A3D	32 W (ERP)	
131.3 MHz	MO	5K00A3E 6K00A3E 10K0A3D	32 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) Licensee must coordinate with other users as necessary to minimize interference.
- (4) Any signal should be clearly identified as a test emission, and in no way appear to be airline communications.
- (5) Testing duration is 2 minutes max per 24 hour period for each frequency. Each frequency is only expected to be tested 1-2 times during the whole experimental license duration, though some may require additional sessions.
- (6) Testing on 131.550 MHz and 136.975 MHz needs to be coordinated in advance with the respective current users. On the day of testing, the respective current users will be notified for final approval, exact timings, etc.
- (7) A suitable POC will be available during testing if an emergency stop is required.
- (8) Operation the frequencies 121.15 MHz and 121.75 MHz must not exceed 0.02 Watt ERP.
- (9) Operation the frequencies 121.185 MHz through 123.125 MHz must not exceed 30 Watt ERP.
- (10) Operation is subject to prior coordination with FAA, ASRI and AFTRCC.
- (11) Stop Buzzer, Jeff Shaub, 405-610-5463