

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WK2XRZ

(Call Sign)

0047-EX-CN-2020

(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) Beeville, TX - NL 28-21-39; WL 97-39-35
- (2) Glasgow, MT - NL 48-24-46; WL 106-31-34

Frequency Information

Beeville, TX - NL 28-21-39; WL 97-39-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15550 MHz	FX	300MQXN	30 W (ERP)	

Glasgow, MT - NL 48-24-46; WL 106-31-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15550 MHz	FX	300MQXN	30 W (ERP)	

This authorization effective February 07, 2020 and
will expire 3:00 A.M. EST February 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



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, Brett Ebert at 314-737-0254.
- (4) This experimental station shall only be used for Detect and Avoid operations. It shall not be used for radiolocation purposes such as UAS detection for security perimeters, drone interdiction or counter-UAS purposes. Use limited to one radar per location.
- (5) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (6) This authorization is without prejudice to any determination that the Commission may make regarding pending or future experimental satellite earth station applications.
- (7) Operations are on a non-interference basis (NIB) and shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference and notify the FCC in writing