

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

EXPERIMENTAL

(Nature of Service)

WH2XJD

(Call Sign)

XT MO

(Class of Station)

0141-EX-CM-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) MOBILE: Boeing Bldg 73-75 airstrip, Berkeley, MO, within 322 km, centered around NL 38-45-05; WL 90-21-21
- (2) MOBILE: Mid America Airport, Mascoutah, IL, within 322 km, centered around NL 38-54-07; WL 89-49-17

Frequency Information

MOBILE: Boeing Bldg 73-75 airstrip, Berkeley, MO, within 322 km, centered around NL 38-45-05; WL 90-21-21

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 4400-4940 MHz | MO            | 18M5F9W             | 18.249 W (ERP)   |                           |

MOBILE: Mid America Airport, Mascoutah, IL, within 322 km, centered around NL 38-54-07; WL 89-49-17

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This authorization effective July 29, 2020 and  
will expire 3:00 A.M. EST September 01, 2022

**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) The designated point-of-contact to terminate the systems if interference occurs is Andrew Smude 301-247-4025.
- (4) During transmission, aircraft shall not exceed the altitude listed in the circuit remarks field 30,000 ft AGL.