

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

EXPERIMENTAL
(Nature of Service)

WJ2XYX
(Call Sign)

XT FX
(Class of Station)

0070-EX-CN-2019
(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) Middletown (NEW CASTLE), DE - NL 39-31-14; WL 75-43-17

Frequency Information

Middletown (NEW CASTLE), DE - NL 39-31-14; WL 75-43-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1030 MHz	FX	11M3V1D	30 mW (ERP)	
1090 MHz	FX	11M3V1D	30 mW (ERP)	

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 Boeing Company must adhere to special conditions provided by via FAA coordination.
- (4) To reduce free space radiation all tests must be conducted under a hood with a dummy load or via a direct connect cable.

This authorization effective March 07, 2019 and
will expire 3:00 A.M. EST March 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (5) Transmit and respond using Modes 3/A and C only, no other Mode allowed.
- (6) If not direct connect then Mode C altitude response must indicate below sea level or above 90K feet.
- (7) PRR equals 235.