

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL
(Nature of Service)

WN9XAJ
(Call Sign)

XT FX
(Class of Station)

0709-EX-ST-2019
(File Number)

NAME The Boeing Company

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

To conduct testing of modified equipment to ensure shielding remains unaffected.

Station Locations

- (1) Ridley Park (DELAWARE), PA - NL 39-51-36; WL 75-19-15
- (2) Middletown (NEW CASTLE), DE - NL 39-31-13; WL 75-43-17

Frequency Information

Ridley Park (DELAWARE), PA - NL 39-51-36; WL 75-19-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
292 MHz	FX	5K00F3E 8K33F3E 12K5F3E 25K0F3E	100 W (ERP)	
293.95 MHz	FX	5K00F3E 8K33F3E 12K5F3E	100 W (ERP)	

This authorization effective July 02, 2019 and
will expire 3:00 A.M. EST January 02, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Ridley Park (DELAWARE), PA - NL 39-51-36; WL 75-19-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
293.95 MHz	FX	25K0F3E	100 W (ERP)	
302.45 MHz	FX	5K00F3E 8K33F3E 12K5F3E 25K0F3E	100 W (ERP)	
314.955 MHz	FX	5K00F3E 8K33F3E 12K5F3E 25K0F3E	100 W (ERP)	
317.295 MHz	FX	5K00F3E 8K33F3E 12K5F3E 25K0F3E	100 W (ERP)	

Middletown (NEW CASTLE), DE - NL 39-31-13; WL 75-43-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
292 MHz	FX	5K00F3E 8K33F3E 12K5F3E 25K0F3E	100 W (ERP)	
293.95 MHz	FX	5K00F3E	100 W (ERP)	

Frequency Information

Middletown (NEW CASTLE), DE - NL 39-31-13; WL 75-43-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
293.95 MHz	FX	8K33F3E 12K5F3E 25K0F3E	100 W (ERP)	
302.45 MHz	FX	5K00F3E 8K33F3E 12K5F3E 25K0F3E	100 W (ERP)	
314.955 MHz	FX	5K00F3E 8K33F3E 12K5F3E 25K0F3E	100 W (ERP)	
317.295 MHz	FX	5K00F3E 8K33F3E 12K5F3E 25K0F3E	100 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) The Boeing Company must notch out the frequency 298.6 MHz, in order to protect ongoing operations.
- (4) The STA is already an extension, Boeing Company is required to file for a regular experimental application in accordance with the FCC CFR 47 Part 5.61(c).