

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

EXPERIMENTAL

(Nature of Service)

WR9XPZ

(Call Sign)

XT FX

(Class of Station)

0236-EX-ST-2021

(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 support the operation of The Boeing Company's Foreign Object Debris (FOD) prototype system.

Station Locations

(1) Ridley Park, PA - NL 39-51-39; WL 75-19-10

Frequency Information

Ridley Park, PA - NL 39-51-39; WL 75-19-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
75-85 GHz	FX	NON	100 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) Stop Buzzers, Christopher Mayo (610) 591-4605 and Sarah Detrick (610) 247-2912/ (610) 591-5439.

This authorization effective March 03, 2021 and
will expire 3:00 A.M. EST September 04, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (4) The applicant must coordinate with all the existing registered links in 71-76 GHz and 81-86GHz bands prior to operation in 75-85 GHz band.
- (5) Future STA requests to extend the authorization will not be considered after September 30, 2021. The applicant is required to file for a regular experimental application in accordance with the FCC CFR 47 Part 5.61.
- (6) This authorization SUPERSEDES the previous issued authorization with the same call sign and file number: amended the start/end date.