

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

EXPERIMENTAL

(Nature of Service)

WS9XER

(Call Sign)

XT FX MO

(Class of Station)

1368-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 ensure military aircraft is not susceptible from transmission from multiple internal components.

Station Locations

- (1) Ridley Park (DELAWARE), PA - NL 39-51-36; WL 75-19-15; MOBILE: Within compounds of Boeing facility, Ridley Park, PA, within 5 km, centered around NL 39-51-36; WL 75-19-15

Frequency Information

Ridley Park (DELAWARE), PA - NL 39-51-36; WL 75-19-15; MOBILE: Within compounds of Boeing facility, Ridley Park, PA, w

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
255 MHz	MO	5K00A3E	23 W (ERP)	
		8K33A3E		
		12K5A3E		
		25K0A3E		
		5K00F3E		
		8K33F3E		
		12K5F3E		

This authorization effective September 02, 2021 and
will expire 3:00 A.M. EST January 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Ridley Park (DELAWARE), PA - NL 39-51-36; WL 75-19-15; MOBILE: Within compounds of Boeing facility, Ridley Park, PA, w

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
255 MHz	MO	25K0F3E	23 W (ERP)	
255.5 MHz	MO	5K00A3E 8K33A3E 12K5A3E 25K0A3E 5K00F3E 8K33F3E 12K5F3E 25K0F3E	23 W (ERP)	
256 MHz	MO	5K00A3E 8K33A3E 12K5A3E 25K0A3E 5K00F3E 8K33F3E 12K5F3E 25K0F3E	23 W (ERP)	
256.5 MHz	MO	5K00A3E 8K33A3E 12K5A3E 25K0A3E 5K00F3E 8K33F3E 12K5F3E 25K0F3E	23 W (ERP)	
257 MHz	MO	5K00A3E	23 W (ERP)	

Frequency Information

Ridley Park (DELAWARE), PA - NL 39-51-36; WL 75-19-15; MOBILE: Within compounds of Boeing facility, Ridley Park, PA, w

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
257 MHz	MO	8K33A3E 12K5A3E 25K0A3E 5K00F3E 8K33F3E 12K5F3E 25K0F3E	23 W (ERP)	
257.5 MHz	MO	5K00A3E 8K33A3E 12K5A3E 25K0A3E 5K00F3E 8K33F3E 12K5F3E 25K0F3E	23 W (ERP)	
258 MHz	MO	5K00A3E 8K33A3E 12K5A3E 25K0A3E 5K00F3E 8K33F3E 12K5F3E 25K0F3E	23 W (ERP)	
258.5 MHz	MO	5K00A3E 8K33A3E 12K5A3E 25K0A3E 5K00F3E	23 W (ERP)	

Frequency Information

Ridley Park (DELAWARE), PA - NL 39-51-36; WL 75-19-15; MOBILE: Within compounds of Boeing facility, Ridley Park, PA, w

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
258.5 MHz	MO	8K33F3E 12K5F3E 25K0F3E	23 W (ERP)	
259 MHz	MO	5K00A3E 8K33A3E 12K5A3E 25K0A3E 5K00F3E 8K33F3E 12K5F3E 25K0F3E	23 W (ERP)	
341 MHz	MO	5K00A3E 8K33A3E 12K5A3E 25K0A3E 5K00F3E 8K33F3E 12K5F3E 25K0F3E	23 W (ERP)	
341.5 MHz	MO	5K00A3E 8K33A3E 12K5A3E 25K0A3E 5K00F3E 8K33F3E 12K5F3E 25K0F3E	23 W (ERP)	

Frequency Information

Ridley Park (DELAWARE), PA - NL 39-51-36; WL 75-19-15; MOBILE: Within compounds of Boeing facility, Ridley Park, PA, w

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
342 MHz	MO	5K00A3E 8K33A3E 12K5A3E 25K0A3E 5K00F3E 8K33F3E 12K5F3E 25K0F3E	23 W (ERP)	
342.5 MHz	MO	5K00A3E 8K33A3E 12K5A3E 25K0A3E 5K00F3E 8K33F3E 12K5F3E 25K0F3E	23 W (ERP)	
343 MHz	MO	5K00A3E 8K33A3E 12K5A3E 25K0A3E 5K00F3E 8K33F3E 12K5F3E 25K0F3E	23 W (ERP)	
343.5 MHz	MO	5K00A3E 8K33A3E 12K5A3E 25K0A3E	23 W (ERP)	

Frequency Information

Ridley Park (DELAWARE), PA - NL 39-51-36; WL 75-19-15; MOBILE: Within compounds of Boeing facility, Ridley Park, PA, w

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
343.5 MHz	MO	5K00F3E 8K33F3E 12K5F3E 25K0F3E	23 W (ERP)	
344 MHz	MO	5K00A3E 8K33A3E 12K5A3E 25K0A3E 5K00F3E 8K33F3E 12K5F3E 25K0F3E	23 W (ERP)	
344.5 MHz	MO	5K00A3E 8K33A3E 12K5A3E 25K0A3E 5K00F3E 8K33F3E 12K5F3E 25K0F3E	23 W (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) Operation is subject to prior coordination with MAG.
- (4) The Boeing Company must notch out the following: 345 MHz (+/- 12.5 kHz)

Special Conditions:

- (5) Future STA requests to extend this authorization will not be considered. The applicant is required to file for a regular experimental application in accordance with the FCC CFR 47 Part 5.61.