

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

EXPERIMENTAL

(Nature of Service)

WN9XZF

(Call Sign)

XT FX MO

(Class of Station)

0701-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:

Ensure safe communication is maintained at distance.

Station Locations

- (1) MOBILE: 15, 000 ft flight level. path S from Manassas, VA, within 250 km, centered around NL 38-43-30; WL 77-31-00
- (2) Manassas, VA - NL 38-43-30; WL 77-31-00

Frequency Information

MOBILE: 15, 000 ft flight level. path S from Manassas, VA, within 250 km, centered around NL 38-43-30; WL 77-31-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4400-4520 MHz	MO	6M00G7D 13M0G1D	7.7 W (ERP)	
4735-4810 MHz	MO	6M00G7D 13M0G1D	7.7 W (ERP)	

This authorization effective May 02, 2019 and
will expire 3:00 A.M. EST November 02, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Manassas, VA - NL 38-43-30; WL 77-31-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4400-4520 MHz	FX	13M0G1D 6M00G7D	2260 W (ERP)	
4735-4810 MHz	FX	13M0G1D 6M00G7D	2260 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 provide Stop Buzzer POC to Mr. Darren Townsend at Darren.townsend@navy.mil or 301-225-3845.
- (4) The Boeing Company must notch out the following:
 - a. (+/- 7.68 MHz) 4455 MHz and 4725 MHz
 - b. (+/- 20 MHz) 4530 MHz and 4710 MHz
- (5) 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).