

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

EXPERIMENTAL

(Nature of Service)

WM9XLG

(Call Sign)

XT FX

(Class of Station)

0006-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:

The test data will be scaled and transformed to obtain estimates of the peak voltage and current transients

Station Locations

(1) Cape Canaveral (BREVARD), FL - NL 28-34-22; WL 80-38-56

Frequency Information

Cape Canaveral (BREVARD), FL - NL 28-34-22; WL 80-38-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
0.001-74.8 MHz	FX	NON	1 W (ERP)	
75.2-100 MHz	FX	NON	1 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.

This authorization effective February 15, 2019 and
will expire 3:00 A.M. EST July 18, 2019

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COMMISSION**



Special Conditions:

- (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 local Society of Broadcast Engineers frequency coordinator in each proposed area to protect the Broadcast Auxiliary Service operations.
- (4) The applicant must obtain consent prior to operation of the following within 50 miles of the test area:
 - Paging Service licensees in 35 MHz
 - Paging Service licensees in 43 MHz
- (5) The Boeing Company must notch out the following frequencies at the Cape Canaveral, FL location: 247 KHz, 257 KHz, 408.51 KHz and 417 KHz.
- (6) The Boeing Company must notch out the following frequencies at both locations: 2104.9 KHz, 2183.4 KHz, 2639.4 KHz, 2660.4 KHz, 2668.4 KHz, 2671.4 KHz, 2676.4 KHz, 2687.4 KHz, 2695.4 KHz, 2711.4 KHz, 3024.4 KHz, 3383.4 KHz, 4126.4 KHz, 5065.0 KHz, 5321.4 KHz, 5423.9 KHz, 5681.4 KHz, 5694.4 KHz, 5697.4 KHz, and 8065.0 KHz.
- (7) Operation is NOT PERMITTED using the frequency band 73-74.6 MHz.
- (8) Operation is not permitted using the following band:
 - 5.9-6.2 MHz,
 - 7.2-7.45 MHz,
 - 9.4-9.9 MHz,
 - 11.6-12.1 MHz,
 - 13.57-13.87 MHz,
 - 15.1-15.8 MHz,
 - 17.48-17.9 MHz,
 - 18.9-19.02 MHz,
 - 21.45-21.85 MHz,
 - 25.67-26.1 MHz,
- (9) The Boeing Company must notch out 289 kHz (+/- 118 Hz).
- (10) Per the FAA conversation with Boeing, the following actions are requested:
 - a. Complete the FAA/AAG coordination via WebFCR within the next seven days. Include the notch-out data as part of the exhibit. Please notify Victor Hinton/FAA once it is uploaded.
 - b. Add 375 kHz to the list of notch outs for this operation.