

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

EXPERIMENTAL

(Nature of Service)

WM9XLG

(Call Sign)

XT FX

(Class of Station)

0436-EX-ST-2018

(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) El Segundo (LOS ANGELES), CA - NL 33-55-47; WL 118-23-22
- (2) Cape Canaveral (BREVARD), FL - NL 28-34-22; WL 80-38-56

Frequency Information

El Segundo (LOS ANGELES), CA - NL 33-55-47; WL 118-23-22

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)	

This authorization effective July 01, 2018 and
will expire 3:00 A.M. EST January 01, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



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	N0N	1 W (ERP)	
75.2-100 MHz	FX	N0N	1 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) 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) Stop Buzzer, Stephen Henning at 206-544-8386.
- (6) The Boeing Company must notch out the following frequencies at the El Segundo, CA location: 233 KHz and 378.1 KHz.
- (7) 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.
- (8) 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.
- (9) Operation is NOT PERMITTED using the frequency band 73-74.6 MHz.