

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

EXPERIMENTAL

(Nature of Service)

WF9XVT

(Call Sign)

XT FX

(Class of Station)

0580-EX-ST-2012

(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 purpose of this experimental operation is to allow for testing in support of the FAA required aircraft Lightning Testing and Certification.

Station Locations

(1) Moses Lake (GRANT), WA - NL 47-12-03; WL 119-17-57

Frequency Information

Moses Lake (GRANT), WA - NL 47-12-03; WL 119-17-57

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
0.001-50000 kHz	FX	NON	50 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 the local Society of Broadcast Engineers, Inc. (SBE).

This authorization effective August 06, 2012 and
will expire 3:00 A.M. EST February 06, 2013

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (4) Notify Air Traffic Control at Moses Lake that Boeing will be performing brief testing and provide stop buzzer to them.
- (5) Operation is NOT PERMITTED using the frequency band 406-410 kHz, 2495-2850 kHz, 4995-5005 kHz, 14990-15010 kHz, 19990-20010 kHz, 24990-25010 kHz.
- (6) The designated point-of-contact to terminate the system if having interference occurs is John Erdelyan at 425-314-7165.