

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WG9XHV

(Call Sign)

0154-EX-ST-2013

(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 perform sweep testing of receive antenna systems that are currently under development for Department of Defense.

Station Locations

(1) Newington (FAIRFAX), VA - NL 38-43-42; WL 77-11-39

Frequency Information

Newington (FAIRFAX), VA - NL 38-43-42; WL 77-11-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
500-605 MHz	FX	N0N 1M00P0N	0.5 W (ERP)	
615-978 MHz	FX	N0N 1M00P0N	0.5 W (ERP)	
1250-1390 MHz	FX	N0N	0.5 W (ERP)	

This authorization effective March 12, 2013 and
will expire 3:00 A.M. EST August 13, 2013

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Newington (FAIRFAX), VA - NL 38-43-42; WL 77-11-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1250-1390 MHz	FX	1M00P0N	0.5 W (ERP)	
1435-1600 MHz	FX	N0N 1M00P0N	0.5 W (ERP)	
1670-2000 MHz	FX	N0N 1M00P0N	0.5 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) The designated point-of-contact to terminate the system if having interference occurs is James Cahill at 703-682-9538.
- (4) This frequency assignment in one of the bands 1435-1525, 2310-2320 and 2345-2390 MHz was coordinated prior to authorization with the Area Frequency Coordinator (AFC), who also coordinated it, as appropriate, with the Aerospace and Flight Test Radio Coordinating Council. Use of this frequency under the authority of this assignment is subject to such further coordination with AFC, as necessary to ensure compatibility with the existing uses.
- (5) Operation is NOT PERMITTED using the frequency 756-776 MHz and 793-806 MHz.
- (6) Licensee must obtain consent from the Advanced Wireless Service licensees prior to accessing to 1670-2000 MHz.
- (7) Licensee must coordinate with the local Society Broadband Engineers (SBC) frequency coordinator prior to operation in 500-605 MHz and 615-978 MHz.
- (8) Licensee must notch out the following frequencies:
 - a. ☐ 1261 MHz +/- 5 MHz
 - b. ☐ 1290 MHz +/- 2 MHz
 - c. ☐ 1295 MHz +/- 2 MHz
 - d. ☐ 1320 MHz +/- 2 MHz
 - e. ☐ 1331 MHz +/- 2 MHz

Special Conditions:

- (9) Licensee must obtain approved MDAFC coordination and notification of NAVY POC, Mr. Robert Goddard at 301-342-1194 (robert.n.goddard@navy.mil) prior to anticipated testing start time for frequency bands: 1250-1390 MHz, 1435-1600 MHz, and 1670-2000 MHz