

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

EXPERIMENTAL

(Nature of Service)

WG9XTT

(Call Sign)

XT MO

(Class of Station)

0650-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 develop a platform agnostic sensor suite and software package to demonstrate autonomous approaches and landing for unprepared landing sites using the Unmanned Little Bird platform.

Station Locations

- (1) MOBILE: Warrenton Fauquier Airport Virginia KHWY, Midland, VA, within 80 km, centered around NL 38-35-33; WL 77-42-43

Frequency Information

MOBILE: Warrenton Fauquier Airport Virginia KHWY, Midland, VA, within 80 km, centered around NL 38-35-33; WL 77-42-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14747 MHz	MO	21M4G1D 45M0G1D 64M0G1D 800KG1D	2 W (ERP)	
14798 MHz	MO	21M4G1D 45M0G1D 64M0G1D	2 W (ERP)	

This authorization effective September 06, 2013 and
will expire 3:00 A.M. EST March 03, 2014

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Warrenton Fauquier Airport Virginia KHWY, Midland, VA, within 80 km, centered around NL 38-35-33; WL 77-42-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14798 MHz	MO	800KG1D	2 W (ERP)	
15190 MHz	MO	21M4G1D 45M0G1D 64M0G1D 800KG1D	2 W (ERP)	
15250 MHz	MO	21M4G1D 45M0G1D 64M0G1D 800KG1D	2 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 designated point-of-contact to terminate the systems if interference occurs is Mark Hardesty at 480-891-1857 (Office) and 480-250-4276 (Cell).