

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

EXPERIMENTAL

(Nature of Service)

WF9XGV

(Call Sign)

XT FX

(Class of Station)

0700-EX-ST-2011

(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 Boeing Company requires use of a GPS landing system in Charleston, SC in support of the 787 engineering flight testing.

Station Locations

- (1) Charleston (CHARLESTON), SC - NL 32-53-58; WL 80-02-31
- (2) Charleston (CHARLESTON), SC - NL 32-53-57; WL 80-02-23

Frequency Information

Charleston (CHARLESTON), SC - NL 32-53-58; WL 80-02-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
113.725 MHz	FX	14K0G7D	50 W (ERP)	

This authorization effective December 01, 2011 and
will expire 3:00 A.M. EST May 02, 2012

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Charleston (CHARLESTON), SC - NL 32-53-57; WL 80-02-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
113.725 MHz	FX	14K0G7D	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) Only one frequency is required to support the Ground Based Augmentation System (GBAS) facility for NAS operation at the airport.
- (4) Each runway will be assigned a discrete Reference Path Identifier (RPI)-GCHS with a different Channel Number:
 - Runway=15, Reference Path Identifier (RPI)-GCHS, Channel Number (CH) 20229, Reference Path Data Selector (RPDS) 0.
 - Runway=33, Reference Path Identifier (RPI)-GCCl, Channel Number (CH) 20640, Reference Path Data Selector (RPDS) 1.
- (5) Slot: A and B.
- (6) Power is ERP with 50 Watt Horizontal and 20 Watt Vertical.
- (7) Operation is subject prior to coordination with Federal Aviation Administration, Victor Hinton (202) 267-7532.
- (8) The designated point-of-contact to terminate transmissions if interference occurs is Mr. Tom Fisher at (206) 662-2573.