

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

EXPERIMENTAL

(Nature of Service)

XT      FX

(Class of Station)

WF9XEV

(Call Sign)

0605-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 purpose of this experimental operation is to allow for testing in support of the FAA required aircraft Lightening Testing and Certification.

**Station Locations**

(1) San Antonio (BEXAR), TX - NL 29-22-23; WL 98-34-13

**Frequency Information**

San Antonio (BEXAR), TX - NL 29-22-23; WL 98-34-13

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 0.001-74600 kHz | FX            | NON                 | 50 W (ERP)       |                           |
| 75.4-100 MHz    | 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.

This authorization effective October 15, 2011 and  
will expire 3:00 A.M. EST April 16, 2012

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



Special Conditions:

- (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 coordinator to prevent and minimize harmful interference to the Low Power Broadcast Auxiliary and Remote Pick Up operations in the surrounding area.
- (4) Operation is subject to prior coordination with FAA Southwest Regional Office, 4400 Blue Mound, Fort Worth, Texas 76193-0483, Attn: Frequency Management Office. Phone: 817-740-3237.
- (5) Licensee must NOTCH OUT the following frequency bands:  
135.7 - 137.8 kHz  
495 - 505 kHz  
2850 - 3025 kHz  
5450 - 5680 kHz  
8815 - 9040 kHz  
74.6 - 75.4 MHz
- (6) The designated point-of-contact to terminate the system if having interference occurs is Jim Daniels at 206-200-5384.