

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

EXPERIMENTAL

(Nature of Service)

WB9XXP

(Call Sign)

XC      FX

(Class of Station)

0357-EX-ST-2004

(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:**

GPS avionics checkout and troubleshooting inside a production hanger.

**Station Locations**

(1) St. Louis, MO - NL 38-45-04; WL 90-21-24

**Frequency Information**

St. Louis, MO - NL 38-45-04; WL 90-21-24

| Frequency   | Station<br>Class | Emission<br>Designator | Authorized<br>Power | Frequency<br>Tolerance (+/-) |
|-------------|------------------|------------------------|---------------------|------------------------------|
| 1575.42 MHz | FX               | 2M10G7D                | 72 pW (ERP)         | 0.001 %                      |

**Special Conditions:**

- (1) System must be operated inside the hanger at all times.
- (2) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by U.S. Government contract numbers N00019-99-C-1226 (F/A-18), F33657-00-C-0013 (F-15) and N00019-03-C-6528 (T-45). The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contracts designated in the related application and enumerated above.

This authorization effective June 10, 2004 and  
will expire 3:00 A.M. EST December 11, 2004

**FEDERAL  
COMMUNICATIONS  
COMMISSION**

