

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

EXPERIMENTAL

(Nature of Service)

XR      FX

(Class of Station)

WC9XPD

(Call Sign)

0323-EX-ST-2006

(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 is to conduct a direct drive CW test on a tanker aircraft.

**Station Locations**

(1) Wichita (SEDGWICK), KS - NL 37-37-44; WL 97-16-50

**Frequency Information**

Wichita (SEDGWICK), KS - NL 37-37-44; WL 97-16-50

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 0.1-50000 KHZ | FX            | OH00N0N             | 25 W (ERP)       | 0.001 %                   |

**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 September 15, 2006 and  
will expire 3:00 A.M. EST March 16, 2007

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Special Conditions:

- (2) Boeing must notch out the following frequency bands in kHz:

K190-K535, K2850-K3025, K3329-K3500, K4050-K4060, K4450-K4700,  
K5450-K5680, K5850-K5870, K6525-K6685, K6860-K6890, K7470-K7620,  
K8120-K8130, K8815-K8965, K9910-K9920, K10005-K10100, K11275-K11400,  
K13260-K13360, K17900-K17970, K21924-K22000, K10450-K10470,  
K11000-K11700, K12180-K12210, K13260-K13905, K15690-K15860,  
K16340-K16360, K20840-K20860, & K24530-K24570.

- (3) Licensee may operate in the stated notched bands under the following conditions:
1. Effective radiate power must be reduced by 15 db below authorized power.
  2. Testing is conducted inside a building with the doors closed.
  3. Frequencies 276.5-286.5 kHz, 327-337 kHz, 378.5-388.5 kHz and 409.5-419.5 kHz must still be notched.
- (4) Licensee may operate on all requested frequencies without any notching under the following conditions:
1. Effective radiated power must be reduced by 65 dB from the authorized 25 watts.
  2. Testing is conducted inside a building with the doors closed.
- (5) This license supersedes previous grant.