

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

EXPERIMENTAL

(Nature of Service)

WG9XYF

(Call Sign)

XT MO

(Class of Station)

0833-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:**

Testing receiver system and antenna calibration.

**Station Locations**

- (1) MOBILE: Mobile Ground operations, Middletown, DE, within 25 km, centered around NL 39-31-21; WL 75-43-09
- (2) MOBILE: Mobile Ground Operation, Dover, DE, within 25 km, centered around NL 39-07-45; WL 75-28-04

**Frequency Information**

MOBILE: Mobile Ground operations, Middletown, DE, within 25 km, centered around NL 39-31-21; WL 75-43-09

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 139-152 MHz | MO            | NON                 | 25 W (ERP)       |                           |
| 456-470 MHz | MO            | NON                 | 25 W (ERP)       |                           |

This authorization effective September 19, 2013 and  
will expire 3:00 A.M. EST February 16, 2014

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

MOBILE: Mobile Ground Operation, Dover, DE, within 25 km, centered around NL 39-07-45; WL 75-28-04

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 139-152 MHz | MO            | N0N                 | 25 W (ERP)       |                           |
| 456-470 MHz | MO            | N0N                 | 25 W (ERP)       |                           |

## Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) 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.
- (3) Boeing must utilize the following requested spot frequencies:
  - a.139.900 MHz
  - b.141.300 MHz
  - c.142.000 MHz
  - d.151.300 MHz
  - e.456.800 MHz
  - f.459.500 MHz
  - g.466.700 MHz
  - h.469.900 MHz
- (4) The designated point-of-contact to terminate the systems if interference occurs is Ronald E. Center: 206-218-8568 and John E. Garcia: 202-412-7710.