

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WD2XNC

(Call Sign)

0045-EX-ST-2005

(File Number)

NAME Boeing Company, The

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:

Validation of 1.2 Meter Ku-band transmit/receive earth stations transmitting on the east coast, specifically in the states of Florida, Maryland and Virginia.

Station Locations

- (1) MOBILE: Arlington, Va, within 1 km, centered around NL 38-53-40; WL 77-04-31
- (2) MOBILE: Chantilly, Va., within 1 km, centered around NL 38-52-48; WL 77-27-31
- (3) MOBILE: Herndon, Va., within 1 km, centered around NL 38-57-32; WL 77-22-32
- (4) MOBILE: Leesburg, Va., within 1 km, centered around NL 39-07-33; WL 77-31-50
- (5) MOBILE: Springfield, Va., within 1 km, centered around NL 38-44-18; WL 77-12-30
- (6) MOBILE: Annapolis Jct., Md., within 1 km, centered around NL 39-07-23; WL 76-46-32
- (7) MOBILE: Columbia, Md., within 1 km, centered around NL 39-10-20; WL 76-48-24
- (8) MOBILE: Longboat Key, Fl., within 1 km, centered around NL 27-21-14; WL 82-36-35
- (9) MOBILE: Sarasota, Fl., within 1 km, centered around NL 27-20-11; WL 82-31-50

Frequency Information

MOBILE: Arlington, Va, within 1 km, centered around NL 38-53-40; WL 77-04-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14000-14500 MHz	MO	51K2G7W	154623.7 W (ERP)	0.00001 %

This authorization effective February 15, 2005 and
will expire 3:00 A.M. EST March 13, 2005

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Arlington, Va, within 1 km, centered around NL 38-53-40; WL 77-04-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14000-14500 MHz	MO	30M0G7W	154623.7 W (ERP)	0.00001 %

MOBILE: Chantilly, Va., within 1 km, centered around NL 38-52-48; WL 77-27-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14000-14500 MHz	MO	51K2G7W 30M0G7W	154623.7 W (ERP)	0.00001 %

MOBILE: Herndon, Va., within 1 km, centered around NL 38-57-32; WL 77-22-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14000-14500 MHz	MO	51K2G7W 30M0G7W	154623.7 W (ERP)	0.00001 %

MOBILE: Leesburg, Va., within 1 km, centered around NL 39-07-33; WL 77-31-50

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14000-14500 MHz	MO	51K2G7W 30M0G7W	154623.7 W (ERP)	0.00001 %

Frequency Information

MOBILE: Springfield, Va., within 1 km, centered around NL 38-44-18; WL 77-12-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14000-14500 MHz	MO	51K2G7W 30M0G7W	154623.7 W (ERP)	0.00001 %

MOBILE: Annapolis Jct., Md., within 1 km, centered around NL 39-07-23; WL 76-46-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14000-14500 MHz	MO	51K2G7W 30M0G7W	154623.7 W (ERP)	0.00001 %

MOBILE: Columbia, Md., within 1 km, centered around NL 39-10-20; WL 76-48-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14000-14500 MHz	MO	51K2G7W 30M0G7W	154623.7 W (ERP)	0.00001 %

MOBILE: Longboat Key, Fl., within 1 km, centered around NL 27-21-14; WL 82-36-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14000-14500 MHz	MO	51K2G7W 30M0G7W	154623.7 W (ERP)	0.00001 %

Frequency Information

MOBILE: Sarasota, Fl., within 1 km, centered around NL 27-20-11; WL 82-31-50

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14000-14500 MHz	MO	51K2G7W 30M0G7W	154623.7 W (ERP)	0.00001 %

Special Conditions:

- (1) Operations in the 14.2-14.4 GHz band are subject to prior coordination with existing LTTS licensees in accordance with Part 101.103 (d) of the Commission's Rules.