

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

EXPERIMENTAL

(Nature of Service)

WC9XGF

(Call Sign)

XD MO

(Class of Station)

0103-EX-ST-2006

(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:

Equipment testing

Station Locations

- (1) MOBILE: 10 KMRA of, within 10 km, centered around NL 33-25-48; WL 112-21-49
- (2) MOBILE: 10 KMRA of, within 10 km, centered around NL 32-30-42; WL 111-19-11
- (3) MOBILE: 10 KMRA of, within 10 km, centered around NL 35-03-24; WL 118-09-26
- (4) MOBILE: 10 KMRA of, within 10 km, centered around NL 34-35-16; WL 117-22-31
- (5) MOBILE: 10 KMRA of, within 10 km, centered around NL 33-24-24; WL 104-32-36
- (6) MOBILE: 10 KMRA of, within 10 km, centered around NL 47-32-20; WL 122-18-46
- (7) MOBILE: 10 KMRA of, within 10 km, centered around NL 47-54-43; WL 122-16-20

Frequency Information

MOBILE: 10 KMRA of, within 10 km, centered around NL 33-25-48; WL 112-21-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.4-2.5 GHz	MO	N0N	100 mW (ERP)	0.001 %

This authorization effective April 20, 2006 and
will expire 3:00 A.M. EST October 21, 2006

**FEDERAL
COMMUNICATIONS
COMMISSION**

Frequency Information

MOBILE: 10 KMRA of, within 10 km, centered around NL 33-25-48; WL 112-21-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.9-6 GHz	MO	N0N	100 mW (ERP)	0.001 %

MOBILE: 10 KMRA of, within 10 km, centered around NL 32-30-42; WL 111-19-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.4-2.5 GHz	MO	N0N	100 mW (ERP)	0.001 %
4.9-6 GHz	MO	N0N	100 mW (ERP)	0.001 %

MOBILE: 10 KMRA of, within 10 km, centered around NL 35-03-24; WL 118-09-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.4-2.5 GHz	MO	N0N	100 mW (ERP)	0.001 %
4.9-6 GHz	MO	N0N	100 mW (ERP)	0.001 %

MOBILE: 10 KMRA of, within 10 km, centered around NL 34-35-16; WL 117-22-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.4-2.5 GHz	MO	N0N	100 mW (ERP)	0.001 %

Frequency Information

MOBILE: 10 KMRA of, within 10 km, centered around NL 34-35-16; WL 117-22-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.9-6 GHz	MO	N0N	100 mW (ERP)	0.001 %

MOBILE: 10 KMRA of, within 10 km, centered around NL 33-24-24; WL 104-32-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.4-2.5 GHz	MO	N0N	100 mW (ERP)	0.001 %
4.9-6 GHz	MO	N0N	100 mW (ERP)	0.001 %

MOBILE: 10 KMRA of, within 10 km, centered around NL 47-32-20; WL 122-18-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.4-2.5 GHz	MO	N0N	100 mW (ERP)	0.001 %
4.9-6 GHz	MO	N0N	100 mW (ERP)	0.001 %

MOBILE: 10 KMRA of, within 10 km, centered around NL 47-54-43; WL 122-16-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.4-2.5 GHz	MO	N0N	100 mW (ERP)	0.001 %

Frequency Information

MOBILE: 10 KMRA of, within 10 km, centered around NL 47-54-43; WL 122-16-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.9-6 GHz	MO	0H00N0N	100 mW (ERP)	0.001 %

Special Conditions:

- (1) No operations in the band 5600-5620 MHZ at the Phoenix-Litchfield Airport, AZ.
- (2) Licensee is aware that the federal government operates high power radars in the 5300-5600 MHz band and Boeing may receive interference.