

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

EXPERIMENTAL

(Nature of Service)

WD9XQX

(Call Sign)

XT FX MO

(Class of Station)

0640-EX-ST-2008

(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 test will involve flight testing of the aircraft to conduct communications testing of the on-board military communications suite.

Station Locations

- (1) Mobile, AL - NL 30-37-36; WL 88-04-05; MOBILE: Mobile, AL, within 322 km, centered around NL 30-37-36; WL 88-04-05

Frequency Information

Mobile, AL - NL 30-37-36; WL 88-04-05; MOBILE: Mobile, AL, within 322 km, centered around NL 30-37-36; WL 88-04-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3.004 MHz	MO	2K80J3E	1000 W (ERP)	0.001 %
3.281 MHz	MO	2K80J3E	1000 W (ERP)	0.001 %
3.443 MHz	MO	2K80J3E	1000 W (ERP)	0.001 %

This authorization effective January 01, 2009 and
will expire 3:00 A.M. EST July 02, 2009

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Mobile, AL - NL 30-37-36; WL 88-04-05; MOBILE: Mobile, AL, within 322 km, centered around NL 30-37-36; WL 88-04-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.451 MHz	MO	2K80J3E	1000 W (ERP)	0.001 %
5.469 MHz	MO	2K80J3E	1000 W (ERP)	0.001 %
6.55 MHz	MO	2K80J3E	1000 W (ERP)	0.001 %
8.822 MHz	MO	2K80J3E	1000 W (ERP)	0.001 %
11.306 MHz	MO	2K80J3E	1000 W (ERP)	0.001 %
17.964 MHz	MO	2K80J3E	1000 W (ERP)	0.001 %
21.931 MHz	MO	2K80J3E	1000 W (ERP)	0.001 %
123.25 MHz	FX	6K00A3E	50 W (ERP)	0.001 %
123.25 MHz	MO	6K00A3E	50 W (ERP)	0.001 %
123.325 MHz	FX	6K00A3E	50 W (ERP)	0.001 %

Frequency Information

Mobile, AL - NL 30-37-36; WL 88-04-05; MOBILE: Mobile, AL, within 322 km, centered around NL 30-37-36; WL 88-04-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
123.325 MHz	MO	6K00A3E	50 W (ERP)	0.001 %
123.35 MHz	FX	6K00A3E	50 W (ERP)	0.001 %
123.35 MHz	MO	6K00A3E	50 W (ERP)	0.001 %
123.425 MHz	FX	6K00A3E	50 W (ERP)	0.001 %
123.425 MHz	MO	6K00A3E	50 W (ERP)	0.001 %
123.55 MHz	FX	6K00A3E	50 W (ERP)	0.001 %
123.55 MHz	MO	6K00A3E	50 W (ERP)	0.001 %
151.52 MHz	FX	10K4F3E	50 W (ERP)	0.001 %
151.52 MHz	MO	10K4F3E	50 W (ERP)	0.001 %
151.805 MHz	FX	10K4F3E	50 W (ERP)	0.001 %

Frequency Information

Mobile, AL - NL 30-37-36; WL 88-04-05; MOBILE: Mobile, AL, within 322 km, centered around NL 30-37-36; WL 88-04-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
151.805 MHz	MO	10K4F3E	50 W (ERP)	0.001 %
152.87 MHz	FX	10K4F3E	50 W (ERP)	0.001 %
152.87 MHz	MO	10K4F3E	50 W (ERP)	0.001 %
153.02 MHz	FX	10K4F3E	50 W (ERP)	0.001 %
153.02 MHz	MO	10K4F3E	50 W (ERP)	0.001 %
154.49 MHz	FX	10K4F3E	50 W (ERP)	0.001 %
154.49 MHz	MO	10K4F3E	50 W (ERP)	0.001 %
234.1 MHz	FX	8K20A3E	50 W (ERP)	0.001 %
234.1 MHz	MO	8K20A3E	50 W (ERP)	0.001 %

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.

Special Conditions:

- (3) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9247 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir@sbe.org; information, www.sbe.org.
- (4) Operations are NOT permitted on these frequencies 373.9 MHz, 5571 kHz, 11288 kHz and 13312 kHz due to potential interference to critical government operations.