

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

EXPERIMENTAL

(Nature of Service)

WF9XDM

(Call Sign)

XT FX

(Class of Station)

0097-EX-ST-2012

(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:

This STA will be used to test HF radios on the ground at various locations to document radio performance and to conduct EMC testing on the aircraft.

Station Locations

- (1) Ridley Park, PA - NL 39-51-59; WL 75-19-39
- (2) Fort Walton Beach, FL - NL 30-25-35; WL 86-41-38
- (3) West Chester, PA - NL 39-59-24; WL 75-34-54

Frequency Information

Ridley Park, PA - NL 39-51-59; WL 75-19-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2-30 MHz	FX	NON	213 W (ERP)	

This authorization effective May 01, 2012 and
will expire 3:00 A.M. EST October 31, 2012

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COMMUNICATIONS
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Frequency Information

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2-30 MHz	FX	NON	213 W (ERP)	

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2-30 MHz	FX	NON	213 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) 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) Operation is NOT permitted using the following bands: 2850-3025 kHz, 3400-3500 kHz, 4650-4700 kHz, 5450-5680 kHz, 6525-6685 kHz, 8815-8965 kHz, 10005-10100 kHz, 11275-11400 kHz, 13260-13360 kHz, 17900-17970 kHz, and 21924-22000 kHz.
- (5) Operation must NOTCH OUT +/- 5 kHz of the following Standard Time Frequencies: 2500 kHz, 5000 kHz, 10000 kHz, 15000 kHz, 20000 kHz, and 25000 kHz.
- (6) Operation is NOT permitted using these frequencies: 3054.4 kHz, 3120.4 kHz, 3123.4 kHz, 5694.4 kHz, 5697.4 kHz, 8981.4 kHz, 8984.3 kHz, 2174.5 kHz, 2183.4 kHz, 2187.5 kHz, 3024.5 kHz, 4126.4 kHz, 4177.5 kHz, 5681.4 kHz, 6216.4 kHz, 6268 kHz, 6517.4 kHz and 8292.4 kHz.
- (7) Prior to the test, Boeing must coordinate with the Gulf Area Frequency Coordinator, Mr. Ronald Higdon, 850-883-5982.
- (8) The designated point-of-contact to terminate transmissions if interference occurs is Vincent Mancuso at 610-591-7215.
- (9) If this testing is to continue beyond 30 October, 2012 and this STA is already an extension, Boeing must apply for a long term experimental FCC license.