

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WF2XEX

(Call Sign)

0086-EX-ML-2011

(File Number)

NAME The Boeing Company

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(i) of the Commission's Rules

Station Locations

- (1) MOBILE: Thurmont, MD, within 0.1 km, centered around NL 39-32-41; WL 77-22-16
- (2) MOBILE: Germantown, MD, within 0.1 km, centered around NL 39-11-03; WL 77-15-42

Frequency Information

MOBILE: Thurmont, MD, within 0.1 km, centered around NL 39-32-41; WL 77-22-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
460.40000000-467.60000000 MHz	MO	1M25F9W 300KG9W	1.000000 mW (ERP)	
851.00000000-866.00000000 MHz	MO	300KG9W 20K0W7W	1.000000 mW (ERP)	
869.00000000-894.00000000 MHz	MO	1M25F9W 300KG9W	1.000000 mW (ERP)	

This authorization effective April 26, 2011 and
will expire 3:00 A.M. EST December 01, 2011

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Thurmont, MD, within 0.1 km, centered around NL 39-32-41; WL 77-22-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
915.40000000-960.00000000 MHz	MO	300KG9W	1.000000 mW (ERP)	
1805.00000000-1880.00000000 MHz	MO	300KG9W	1.000000 mW (ERP)	
1930.00000000-1990.00000000 MHz	MO	1M25F9W 300KG9W	1.000000 mW (ERP)	
2110.00000000-2170.00000000 MHz	MO	1M25F9W 300KG9W	1.000000 mW (ERP)	

MOBILE: Germantown, MD, within 0.1 km, centered around NL 39-11-03; WL 77-15-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
460.40000000-467.60000000 MHz	MO	1M25F9W 300KG9W	1.000000 mW (ERP)	
851.00000000-866.00000000 MHz	MO	300KG9W 20K0W7W	1.000000 mW (ERP)	
869.00000000-894.00000000 MHz	MO	1M25F9W 300KG9W	1.000000 mW (ERP)	

Frequency Information

MOBILE: Germantown, MD, within 0.1 km, centered around NL 39-11-03; WL 77-15-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
915.40000000-960.00000000 MHz	MO	300KG9W	1.000000 mW (ERP)	
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2110.00000000-2170.00000000 MHz	MO	1M25F9W 300KG9W	1.000000 mW (ERP)	

Special Conditions:

- (1) 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Licensee must get consent from Education Broadband Service / Broadband Radio Service and Advanced Wireless Service licensees in the immediate area.
- (4) Operation is subject to prior coordination with Fixed Microwave licensees.
- (5) The designated point-of-contact to terminate transmissions if interference occurs is Bill Brown at 301-944-9271.