

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

EXPERIMENTAL

(Nature of Service)

WF2XEX

(Call Sign)

XT MO

(Class of Station)

0394-EX-PL-2009

(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 (+/-)
460.4-467.6 MHz	MO	1M25F9W 300KG9W	1 mW (ERP)	
851-866 MHz	MO	300KG9W 20K0W7W	1 mW (ERP)	
869-894 MHz	MO	1M25F9W 300KG9W	1 mW (ERP)	

This authorization effective December 08, 2009 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 (+/-)
915.4-960 MHz	MO	300KG9W	1 mW (ERP)	
1805-1880 MHz	MO	300KG9W	1 mW (ERP)	
1930-1990 MHz	MO	1M25F9W 300KG9W	1 mW (ERP)	
2110-2170 MHz	MO	1M25F9W 300KG9W	1 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 (+/-)
460.4-467.6 MHz	MO	1M25F9W 300KG9W	1 mW (ERP)	
851-866 MHz	MO	300KG9W 20K0W7W	1 mW (ERP)	
869-894 MHz	MO	1M25F9W 300KG9W	1 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 (+/-)
915.4-960 MHz	MO	300KG9W	1 mW (ERP)	
1805-1880 MHz	MO	300KG9W	1 mW (ERP)	
1930-1990 MHz	MO	1M25F9W 300KG9W	1 mW (ERP)	
2110-2170 MHz	MO	1M25F9W 300KG9W	1 mW (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) 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.