

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

EXPERIMENTAL
(Nature of Service)

WH2XMD
(Call Sign)

XT FX
(Class of Station)

0032-EX-CR-2016
(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(h) of the Commission's Rules

Station Locations

- (1) Thurmond, MD - NL 39-32-41; WL 77-22-16
- (2) Germantown, MD - NL 39-12-07; WL 77-15-46
- (3) Germantown, MD - NL 39-13-16; WL 77-13-23

Frequency Information

Thurmond, MD - NL 39-32-41; WL 77-22-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6100 MHz	FX	10K0F0N	1 mW (ERP)	
6300 MHz	FX	10K0F0N	1 mW (ERP)	
6500 MHz	FX	10K0F0N	1 mW (ERP)	
6700 MHz	FX	10K0F0N	1 mW (ERP)	

This authorization effective December 01, 2016 and
will expire 3:00 A.M. EST December 01, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Thurmond, MD - NL 39-32-41; WL 77-22-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6900 MHz	FX	10K0F0N	1 mW (ERP)	
7100 MHz	FX	10K0F0N	1 mW (ERP)	
7300 MHz	FX	10K0F0N	1 mW (ERP)	
7500 MHz	FX	10K0F0N	1 mW (ERP)	
7700 MHz	FX	10K0F0N	1 mW (ERP)	
7900 MHz	FX	10K0F0N	1 mW (ERP)	
8100 MHz	FX	10K0F0N	1 mW (ERP)	
8300 MHz	FX	10K0F0N	1 mW (ERP)	
8500 MHz	FX	10K0F0N	1 mW (ERP)	

Frequency Information

Germantown, MD - NL 39-12-07; WL 77-15-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6100 MHz	FX	10K0F0N	1 mW (ERP)	
6300 MHz	FX	10K0F0N	1 mW (ERP)	
6500 MHz	FX	10K0F0N	1 mW (ERP)	
6700 MHz	FX	10K0F0N	1 mW (ERP)	
6900 MHz	FX	10K0F0N	1 mW (ERP)	
7100 MHz	FX	10K0F0N	1 mW (ERP)	
7300 MHz	FX	10K0F0N	1 mW (ERP)	
7500 MHz	FX	10K0F0N	1 mW (ERP)	
7700 MHz	FX	10K0F0N	1 mW (ERP)	
7900 MHz	FX	10K0F0N	1 mW (ERP)	

Frequency Information

Germantown, MD - NL 39-12-07; WL 77-15-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
8100 MHz	FX	10K0F0N	1 mW (ERP)	
8300 MHz	FX	10K0F0N	1 mW (ERP)	
8500 MHz	FX	10K0F0N	1 mW (ERP)	

Germantown, MD - NL 39-13-16; WL 77-13-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6100 MHz	FX	10K0F0N	1 mW (ERP)	
6300 MHz	FX	10K0F0N	1 mW (ERP)	
6500 MHz	FX	10K0F0N	1 mW (ERP)	
6700 MHz	FX	10K0F0N	1 mW (ERP)	
6900 MHz	FX	10K0F0N	1 mW (ERP)	
7100 MHz	FX	10K0F0N	1 mW (ERP)	

Frequency Information

Germantown, MD - NL 39-13-16; WL 77-13-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
7300 MHz	FX	10K0F0N	1 mW (ERP)	
7500 MHz	FX	10K0F0N	1 mW (ERP)	
7700 MHz	FX	10K0F0N	1 mW (ERP)	
7900 MHz	FX	10K0F0N	1 mW (ERP)	
8100 MHz	FX	10K0F0N	1 mW (ERP)	
8300 MHz	FX	10K0F0N	1 mW (ERP)	
8500 MHz	FX	10K0F0N	1 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) The designated point-of-contact to terminate transmissions if interference occurs is Steven J. Hudson, 301-944-9578.
- (4) Upon notification from the FCC, operation on this assignment is subject to immediate cessation, if it causes harmful interference to Army operations assignments.