

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WH2XMA

(Call Sign)

0421-EX-CR-2018

(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) Middletown, DE - NL 39-31-25; WL 75-43-10

Frequency Information

Middletown, DE - NL 39-31-25; WL 75-43-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
602 MHz	FX	N0N	100 W (ERP)	
620 MHz	FX	N0N	100 W (ERP)	
626 MHz	FX	N0N	100 W (ERP)	
632 MHz	FX	N0N	100 W (ERP)	

This authorization effective December 01, 2018 and
will expire 3:00 A.M. EST December 01, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Middletown, DE - NL 39-31-25; WL 75-43-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
656 MHz	FX	N0N	100 W (ERP)	
668 MHz	FX	N0N	100 W (ERP)	
680 MHz	FX	N0N	100 W (ERP)	
692 MHz	FX	N0N	100 W (ERP)	
711.5 MHz	FX	N0N	100 W (ERP)	
722.1 MHz	FX	N0N	100 W (ERP)	
745.2 MHz	FX	N0N	100 W (ERP)	
752.25 MHz	FX	N0N	100 W (ERP)	
770.5 MHz	FX	N0N	100 W (ERP)	
780 MHz	FX	N0N	100 W (ERP)	

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) 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.
- (4) The designated point-of-contact to terminate transmissions if interference occurs is Rob Boynton 703-872-4666.
- (5) Licensee must get consent of ALL Lower Band 700 MHz C Block (710-716 MHz/740-746 MHz) licensees within 25 miles of the locations of the test.
- (6) License must get consent of Upper Band 700 MHz C Block (746-757 MHz/776-787 MHz) licensee (Verizon) within 25 miles of the locations of the test.
- (7) Licensee must provide notification of Lower Band 700 MHz E Block (722-728 MHz) licensee within 25 miles of the locations of the test.

- (8) Operation is subject to prior coordination with the local Society of Broadcast Engineers coordinator prior to operation to protect the Low Power Broadcast Auxiliary operations on 602-608 MHz and 614-698 MHz.
- (9) Operation is NOT PERMITTED using the frequency band 756-768 MHz and 788-798 MHz.