

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WH2XNT

(Call Sign)

0822-EX-PL-2014

(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 (+/-)
2024 MHz	FX	N0N	100 W (ERP)	
2048.275 MHz	FX	N0N	100 W (ERP)	
2072.875 MHz	FX	N0N	100 W (ERP)	
2097.75 MHz	FX	N0N	100 W (ERP)	

This authorization effective January 23, 2015 and
will expire 3:00 A.M. EST February 01, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2122.925 MHz	FX	N0N	100 W (ERP)	
2148.4 MHz	FX	N0N	100 W (ERP)	
2172 MHz	FX	N0N	100 W (ERP)	
2200.25 MHz	FX	N0N	100 W (ERP)	
2226.675 MHz	FX	N0N	100 W (ERP)	
2307.8 MHz	FX	N0N	100 W (ERP)	
2391.875 MHz	FX	N0N	100 W (ERP)	
2420.575 MHz	FX	N0N	100 W (ERP)	
2449.625 MHz	FX	N0N	100 W (ERP)	
2479 MHz	FX	N0N	100 W (ERP)	

Frequency Information

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2508.775 MHz	FX	N0N	100 W (ERP)	
2524 MHz	FX	N0N	100 W (ERP)	
2569.325 MHz	FX	N0N	100 W (ERP)	
2599 MHz	FX	N0N	100 W (ERP)	
2629 MHz	FX	N0N	100 W (ERP)	
2662 MHz	FX	N0N	100 W (ERP)	
2929.575 MHz	FX	N0N	100 W (ERP)	
2950.575 MHz	FX	N0N	100 W (ERP)	
2964.75 MHz	FX	N0N	100 W (ERP)	
2968 MHz	FX	N0N	100 W (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 station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) The designated point-of-contact to terminate transmissions if interference occurs is Mr. Eric Singer 757-771-7259.
- (5) Operation is subject to get consents from the Advanced Wireless Service licensees prior to accessing to 2024 MHz, 2122.925 MHz, 2148.4 MHz and 2172 MHz
- (6) Licensee must obtain consents from the Education Broadband Service and Broadband Radio Service licensees prior to accessing to 2508.775 MHz, 2524 MHz, 2569.325 MHz, 2599 MHz, 2629 MHz, and 2662 MHz
- (7) Operation is subject to prior coordination with the local Society of Broadcast Engineers frequency coordinator and the Fixed Microwave Service licensees.