

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WH2XSM

(Call Sign)

0118-EX-CR-2019

(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) US, US

Frequency Information

US, US

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
10 kHz	FX	NON	75 W (ERP)	0.5 %
100 kHz	FX	NON	75 W (ERP)	0.5 %
1 MHz	FX	NON	100 W (ERP)	1 %
10 MHz	FX	NON	100 W (ERP)	5 %

This authorization effective June 01, 2019 and
will expire 3:00 A.M. EST June 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

US, US

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
100 MHz	FX	N0N	0.83 W (ERP)	0.5 %
400 MHz	FX	N0N	1.3 W (ERP)	1.25 %
959 MHz	FX	N0N	26 W (ERP)	0.1 %

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) The designated point-of-contact to terminate the system if interference occurs is Lance Benjamin 206-544-1788/714-585-4096, Tim Cooper 714-372-4721/310-714-3908 and John Agnew 314-232-5082.
- (4) All operations will be conducted indoors and on Boeing properties.
- (5) The applicant must coordinate with the local Society Broadcast Engineer frequency coordinator and the Fixed Microwave Service licensees prior to accessing to 959 MHz.