

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

EXPERIMENTAL
(Nature of Service)

WH2XOI
(Call Sign)

XT FX
(Class of Station)

0700-EX-CR-2020
(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) Oklahoma City, OK - NL 35-24-14; WL 97-24-26

Frequency Information

Oklahoma City, OK - NL 35-24-14; WL 97-24-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4750 MHz	FX	1M62F1D 2M40G1D 4M79G1D 9M58G1D 17M0F9W	36.5 W (ERP)	
4750 MHz	FX	18M5F9W	231.5 W (ERP)	
4900 MHz	FX	1M62F1D 2M40G1D 4M79G1D 9M58G1D	36.5 W (ERP)	

This authorization effective February 01, 2021 and
will expire 3:00 A.M. EST February 01, 2023

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COMMISSION**



Frequency Information

Oklahoma City, OK - NL 35-24-14; WL 97-24-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4900 MHz	FX	17M0F9W	36.5 W (ERP)	
4900 MHz	FX	18M5F9W	231.5 W (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) The test shall include the assurance of the operational of the transmitting antenna and cannot be conducted with a hat or any RF absorbing devices.
- (4) Assignment will comply with Manual of Regulations and Procedures for Federal Radio Frequency Management section 4.3.18 when operational.
- (5) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by contract number FA8107-05-C-0001. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application enumerated above.
- (6) The designated point-of-contact to terminate the systems if interference occurs is Elizabeth Woodcock, 405-482-1486 and Fred Brown, 405-610-5458.
- (7) Operation the frequency band 4200-4400 MHz is NOT PERMITTED per FAA.