

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WH2XDK

(Call Sign)

0070-EX-CR-2021

(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) Kent (KING), WA - NL 47-25-12; WL 122-15-13
- (2) Renton (KING), WA - NL 47-26-40; WL 122-13-30

Frequency Information

Kent (KING), WA - NL 47-25-12; WL 122-15-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
8.5-12.4 GHz	FX	180MP0N	6.1 W (ERP)	

Renton (KING), WA - NL 47-26-40; WL 122-13-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
8.5-12.4 GHz	FX	180MP0N	6.1 W (ERP)	

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

**FEDERAL
COMMUNICATIONS
COMMISSION**



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) Operation is NOT PERMITTED using the frequency band 9000-9200 MHz, 10000-10500 MHz and 10680-10700 MHz.
- (4) Prior to activation, the applicant must coordinate with Russ Potter at 360-396-7075.
- (5) The designated point-of-contact to terminate the systems if interference occurs Eric Black at 412-965-2920.
- (6) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by DARPA. 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 and enumerated above.