

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

EXPERIMENTAL

(Nature of Service)

WK2XJO

(Call Sign)

XC FX

(Class of Station)

0603-EX-CN-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) Seattle (KING), WA - NL 47-30-52; WL 122-17-59

Frequency Information

Seattle (KING), WA - NL 47-30-52; WL 122-17-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9200-12400 MHz	FX	180MP0N	6.1 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 applicant coordinates with the Fixed Microwave Service licensees in accordance with 47 C.F.R, Part 101.103(d) prior to operation in 9200-12400 MHz band.
- (4) Operation is NOT PERMITTED using the frequency band 8200-9000 MHz.
- (5) Stop Buzzer, Tai Lam at 425-965-1410.
- (6) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.

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

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (7) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by AFRL Contract Number: FA8650-12-C-7208. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein 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.
- (8) This authorization is without prejudice to any determination that the Commission may make regarding pending or future experimental satellite earth station applications.
- (9) Operations are on a non-interference basis (NIB) and shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference and notify the FCC in writing.
- (10) No automatic renewal for this authorization