

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

EXPERIMENTAL

(Nature of Service)

XT      FX

(Class of Station)

WI2XXX

(Call Sign)

0117-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(i) of the Commission's Rules

Station Locations

- (1) Seattle (KING), WA - NL 47-30-54; WL 122-17-34
- (2) Everett (SNOHOMISH), WA - NL 47-53-49; WL 122-16-45

Frequency Information

Seattle (KING), WA - NL 47-30-54; WL 122-17-34

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 136-136.975 MHz | FX            | 14K0G1D             | 15 W (ERP)       |                           |

Everett (SNOHOMISH), WA - NL 47-53-49; WL 122-16-45

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 136-136.975 MHz | FX            | 14K0G1D             | 15 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.

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

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



**Special Conditions:**

- (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) Stop Buzzer, Thomas Chan, 206-662-0950 must be available at all times during transmissions.
- (4) Test emission should only be voice modulation on 136.500-136.975 MHz (preferably 8.33k):
  - Any signal should be clearly identified as a test emission, and in no way appear to be airline communications.
- (5) Testing duration is 2 minutes max per 24 hour period for each frequency
  - Each frequency is only expected to be tested 1-2 times during the whole experimental license duration, though some may require additional sessions
- (6) Testing on 136.500, 136.650, 136.850, and 136.975 MHz needs to be coordinated in advance with the respective current users, and is to be conducted in quiet hours (between 0100L and 0400L).
  - a. Testing on these frequencies will be limited to only 2 occasions.
  - b. On the day of testing, the respective current users will be notified for final approval, exact timings, etc. and suitable POC will be available during testing if an emergency stop is required.
  - c. Testing on these frequencies will be limited to the minimum number of tests required.
  - d. On the day of testing, the respective current users will be notified for final approval, exact timings, etc.
- (7) A suitable POC will be available during testing if an emergency stop is required.
- (8) A time/date of all testing be provided to ASRI in advance of at least 48 hrs.
- (9) Boeing POCs are provided for all testing dates.
- (10) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by USAF/AFMC. 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.