

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WK9XTE

(Call Sign)

XT FX

(Class of Station)

1543-EX-ST-2016

(File Number)

NAME The BOEING Company

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

The requested frequencies are required to properly run our EME Certification Ground Test and verify no Electromagnetic Interference (EMI) at these specific test frequencies.

Station Locations

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

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)	

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) Stop Buzzer, Thomas Chan, 206-662-0950 must be available at all times during transmissions.

This authorization effective January 10, 2017 and
will expire 3:00 A.M. EST June 02, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (4) Test emission should only be voice modulation on 136.500-136.975 MHz (preferably 8.33k):
 - a. 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
 - a. 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, & 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.
- (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 and ASRI 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.