

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

EXPERIMENTAL

(Nature of Service)

WH2XMU

(Call Sign)

XT FX MO

(Class of Station)

0770-EX-PL-2014

(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) Barking Sands (KAUAI), HI - NL 22-01-37; WL 159-47-11; MOBILE: Barking Sands, HI, within 30 km, centered around NL 22-01-37; WL 159-47-11

Frequency Information

Barking Sands (KAUAI), HI - NL 22-01-37; WL 159-47-11; MOBILE: Barking Sands, HI, within 30 km, centered around NL 22-

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2410.75 MHz	MO	16M0F3F	2 W (ERP)	
2433.75 MHz	MO	16M0F3F	2 W (ERP)	
2452.75 MHz	MO	16M0F3F	2 W (ERP)	
2462.75 MHz	MO	16M0F3F	2 W (ERP)	

This authorization effective January 15, 2015 and
will expire 3:00 A.M. EST January 01, 2017

**FEDERAL
COMMUNICATIONS
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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2472.75 MHz	MO	16M0F3F	2 W (ERP)	
2486 MHz	MO	16M0F3F	2 W (ERP)	
2490 MHz	MO	16M0F3F	2 W (ERP)	
2495 MHz	MO	16M0F3F	2 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) Boeing should realize that the flight altitude and range is limited by the parameters of the restricted area (R3101).
- (4) Operation is subject to prior coordination with the local Society of Broadcast Engineers. Inc coordinator and with the Fixed Microwave Service licensees.
- (5) Operation on this assignment is subject to immediate cessation, if it causes harmful interference to Navy operations assignments.
- (6) Stop Buzzer, Scott W. Denton at 314-705-0428.
- (7) Prior to operation under the authority of this license for unmanned aircraft system (UAS), a certificate of waiver or authorization must be obtained from the Federal Aviation Administration.