

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

EXPERIMENTAL

(Nature of Service)

WG2XOA

(Call Sign)

XT FX MO

(Class of Station)

0142-EX-PL-2013

(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) China Lake (KERN), CA - NL 35-41-22; WL 117-41-15; MOBILE: Flight 37,000 ft AGL, China Lake, CA, within 600 km, centered around NL 35-41-22; WL 117-41-15
- (2) Yuma (YUMA), AZ - NL 32-39-13; WL 114-36-06; MOBILE: Flight 37,000 ft AGL, Yuma, AZ, within 600 km, centered around NL 32-39-13; WL 114-36-06
- (3) Honolulu (HONOLULU), HI - NL 21-20-35; WL 157-57-42; MOBILE: Flight 37,000 ft AGL, Honolulu, HI, within 600 km, centered around NL 21-20-35; WL 157-57-42

Frequency Information

China Lake (KERN), CA - NL 35-41-22; WL 117-41-15; MOBILE: Flight 37,000 ft AGL, China Lake, CA, within 600 km, center

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2391-2417 MHz	MO	19M4W7D	2512 W (ERP)	
2391-2417 MHz	FX	19M4W7D	2512 W (ERP)	

This authorization effective May 10, 2013 and
will expire 3:00 A.M. EST May 01, 2015

**FEDERAL
COMMUNICATIONS
COMMISSION**

Frequency Information

Yuma (YUMA), AZ - NL 32-39-13; WL 114-36-06; MOBILE: Flight 37,000 ft AGL, Yuma, AZ, within 600 km, centered around N

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2391-2417 MHz	MO	19M4W7D	2512 W (ERP)	
2391-2417 MHz	FX	19M4W7D	2512 W (ERP)	

Honolulu (HONOLULU), HI - NL 21-20-35; WL 157-57-42; MOBILE: Flight 37,000 ft AGL, Honolulu, HI, within 600 km, centered around N

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2391-2417 MHz	FX	19M4W7D	2512 W (ERP)	
2391-2417 MHz	MO	19M4W7D	2512 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) The designated point-of-contact to terminate transmissions if interference occurs is Phil Tsiang at 253-657-8218, Mark Poad at 253-657-8265, Tom Ott at 253-657-7934 and Jahn Goede 206-544-2543.
- (4) Operation is NOT PERMITTED using the frequency band 2200-2300 MHz.