

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

EXPERIMENTAL

(Nature of Service)

XC MO

(Class of Station)

WI2XTY

(Call Sign)

0404-EX-CR-2021

(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) MOBILE: Flight 37000 ft AGL, Seattle, WA, within 600 km, centered around NL 47-32-01; WL 122-18-41
- (2) MOBILE: Flight 37000 ft AGL, China Lake, CA, within 600 km, centered around NL 35-41-22; WL 117-41-15
- (3) MOBILE: Flight 37000 ft AGL, Hickam AFB, Honolulu, HI, within 600 km, centered around NL 21-20-35; WL 157-57-42
- (4) MOBILE: Flight 37000 ft AGL, Hanover, MD, within 600 km, centered around NL 39-09-02; WL 76-43-06

Frequency Information

MOBILE: Flight 37000 ft AGL, Seattle, WA, within 600 km, centered around NL 47-32-01; WL 122-18-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
291.4 MHz	MO	100KA1D	122 W (ERP)	

This authorization effective October 01, 2021 and
will expire 3:00 A.M. EST November 08, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Flight 37000 ft AGL, China Lake, CA, within 600 km, centered around NL 35-41-22; WL 117-41-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
291.4 MHz	MO	100KA1D	122 W (ERP)	

MOBILE: Flight 37000 ft AGL, Hickam AFB, Honolulu, HI, within 600 km, centered around NL 21-20-35; WL 157-57-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
291.4 MHz	MO	100KA1D	122 W (ERP)	

MOBILE: Flight 37000 ft AGL, Hanover, MD, within 600 km, centered around NL 39-09-02; WL 76-43-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
291.4 MHz	MO	100KA1D	122 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 designated point-of-contact to terminate the systems if interference occurs is Randall L Mosten 714-896-5940.
- (4) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by US Navy. 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.