

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

EXPERIMENTAL

(Nature of Service)

WF2XST

(Call Sign)

XT FX MO

(Class of Station)

0006-EX-ML-2015

(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) Kent, WA - NL 47-25-08; WL 122-15-10; MOBILE: Kent, WA, within 50 km, centered around NL 47-25-08; WL 122-15-10
- (2) MOBILE: Flight 37000 ft AGL, Yuma, AZ, within 600 km, centered around NL 32-39-13; WL 114-36-06
- (3) MOBILE: Flight 37000 ft AGL, Greenville, TX, within 600 km, centered around NL 33-04-20; WL 96-04-37
- (4) MOBILE: Flight 37000 ft AGL, Boeing Field, Seattle, WA, within 600 km, centered around NL 47-32-09; WL 122-18-41
- (5) MOBILE: Flight 37000 ft AGL, China Lake, CA, within 600 km, centered around NL 35-41-22; WL 117-41-15
- (6) MOBILE: Flight 37000 ft AGL, Honolulu, HI, within 600 km, centered around NL 21-20-35; WL 157-57-42
- (7) Glasgrow, MT - NL 48-24-22; WL 106-31-57; MOBILE: Flight 37000 ft AGL, Glasgrow, MT, within 600 km, centered around NL 48-24-22; WL 106-31-57

Frequency Information

Kent, WA - NL 47-25-08; WL 122-15-10; MOBILE: Kent, WA, within 50 km, centered around NL 47-25-08; WL 122-15-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2200-2225 MHz	FX	2M50W7D	4 W (ERP)	

This authorization effective March 19, 2015 and
will expire 3:00 A.M. EST August 06, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Kent, WA - NL 47-25-08; WL 122-15-10; MOBILE: Kent, WA, within 50 km, centered around NL 47-25-08; WL 122-15-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2200-2225 MHz	MO	2M50W7D	4 W (ERP)	
2400-2425 MHz	MO	2M50W7D	4 W (ERP)	
2400-2425 MHz	FX	2M50W7D	4 W (ERP)	

MOBILE: Flight 37000 ft AGL, Yuma, AZ, within 600 km, centered around NL 32-39-13; WL 114-36-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2200-2225 MHz	MO	19M4W7D	1532 W (ERP)	

MOBILE: Flight 37000 ft AGL, Greenville, TX, within 600 km, centered around NL 33-04-20; WL 96-04-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2200-2225 MHz	MO	19M4W7D	1532 W (ERP)	

MOBILE: Flight 37000 ft AGL, Boeing Field, Seattle, WA, within 600 km, centered around NL 47-32-09; WL 122-18-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2200-2225 MHz	MO	19M4W7D	1532 W (ERP)	

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 (+/-)
2200-2225 MHz	MO	19M4W7D	1532 W (ERP)	

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2200-2225 MHz	MO	19M4W7D	1532 W (ERP)	

Glasgow, MT - NL 48-24-22; WL 106-31-57; MOBILE: Flight 37000 ft AGL, Glasgow, MT, within 600 km, centered around NL

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2200-2225 MHz	MO	19M4W7D	1532 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) Upon notification from the FCC, operation on this assignment is subject to immediate cessation, if it causes harmful interference to Navy assignments.
- (5) Prior to activation in Honolulu, HI, Boeing must coordinate with Randall Hall at 808-477-9609.