

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WG2XOI

(Call Sign)

0191-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) MOBILE: 27,000 Foot Flight Level, Coos Bay, OR, within 600 km, centered around NL 43-25-02; WL 124-14-44
- (2) MOBILE: 27,000 Foot Flight Level, Coastal Waters, CA, within 750 km, centered around NL 29-00-00; WL 121-30-00

Frequency Information

MOBILE: 27,000 Foot Flight Level, Coos Bay, OR, within 600 km, centered around NL 43-25-02; WL 124-14-44

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2205.5 MHz	MO	2M43F1D	1 W (ERP)	
2216.5 MHz	MO	2M43F1D	1 W (ERP)	
2239.5 MHz	MO	2M43F1D	1 W (ERP)	

This authorization effective April 26, 2013 and
will expire 3:00 A.M. EST May 01, 2015

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: 27,000 Foot Flight Level, Coos Bay, OR, within 600 km, centered around NL 43-25-02; WL 124-14-44

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2268.5 MHz	MO	2M43F1D	1 W (ERP)	
2282.5 MHz	MO	2M43F1D	1 W (ERP)	
9350-10150 MHz	MO	537MQ3N 10M3Q3N 117MQ3N 607MQ3N 650MQ3N 7M03P0N	60.8 MW (ERP)	

MOBILE: 27,000 Foot Flight Level, Coastal Waters, CA, within 750 km, centered around NL 29-00-00; WL 121-30-00

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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 system if having interference occurs is Troy Kindall at 206-962-9406 or Tyler Wilson at 206-618-1740.
- (4) Licensee must coordinate with the Western Area Frequency Coordinator (WAFC) at (760) 939-6948 prior to activation.
- (5) All required frequencies must be posted in the Integrated Frequency De-confliction System (IFDS).
- (6) Aircraft must check in with Vandenberg AFB Air Space Center "FRONTIER CONTROL". The Point-of-contact for Vandenberg is Mr. Jack Copeland, 805-606-5144.
- (7) Request Boeing Program Office provide a standing VHF/UHF frequency that can be monitored for cease buzzer contact.
- (8) For Edwards AFB, all operations must be scheduled/coordinated with the WAFC and de-conflicted in IFDS and no operations will be allowed in the R2508.
- (9) NASA requires coordination prior to use for aircraft-to-ground operation in the band 2200-2290 MHz within Radio Line of Sight (RLOS) of its earth station at Berkeley, CA. Minimum coordination distance from this location is 375 km. POC is NASA/GSFC SPECTRUM MANAGER, SCOTT GALBRAITH AT 301.286.5089, VINCENT.S.GALBRAITH@NASA.GOV."
- (10) Upon notification from the FCC, operation on this assignment is subject to immediate cessation, if it causes harmful interference to Navy and Marine Boardman assignments.