

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

EXPERIMENTAL

(Nature of Service)

XE FX

(Class of Station)

WE2XWG

(Call Sign)

0431-EX-PL-2008

(File Number)

NAME Boeing Company, The

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(b) of the Commission's Rules

Station Locations

(1) Moses Lake (GRANT), WA - NL 47-12-07; WL 119-17-54

Frequency Information

Moses Lake (GRANT), WA - NL 47-12-07; WL 119-17-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1030 MHz	FX	3M58M1N		
1230-1272 MHz	FX	3M00PXX		
1282-1302 MHz	FX	3M00PXX		
1312-1335 MHz	FX	3M00PXX		

This authorization effective December 09, 2010 and
will expire 3:00 A.M. EST December 01, 2012

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Moses Lake (GRANT), WA - NL 47-12-07; WL 119-17-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1366-1400 MHz	FX	3M00		

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) 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.
- (4) All testing shall be conducted on the ground.
- (5) Power levels shall be at previously authorized power levels.
- (6) The allowed modes of operation for 1030 MHz are: MODE-1, MODE-2, MODE-3A and MODE-3C.
- (7) Transmissions and power will be kept to an absolute minimum to accomplish the testing objectives.
- (8) Transmissions will be limited to the Top Hat Antenna Array.
- (9) Operation is subject to prior coordination with the FAA's Northwest Mountain Regional Frequency Management Office (FMO) at 425-227-2637 at least 24 hours prior to testing.
- (10) Stop buzzer procedures will be maintained in affect at all times during testing by continuous monitoring of 121.5 MHz/243.0 MHz.
- (11) The licensee shall operate in accordance with all parameters and restrictions agreed upon with the FAA to include any necessary modifications as required by the Headquarter FAA Spectrum Assignment and Engineering Office.
- (12) This authorization is for the express purpose of installation and test of MESA radars in aircraft for export.
- (13) The designated point-of-contact to terminate transmissions if interference occurs is Victoria Habas at 503-890-2213.