

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

EXPERIMENTAL

(Nature of Service)

XE FX MO

(Class of Station)

WE2XWH

(Call Sign)

0057-EX-ML-2011

(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) Glasgow, MT - NL 48-25-21; WL 106-32-10; MOBILE: Glasgow Industrial Air Park, temporarily fixed locations, Glasgow, MT, within 5 km, centered around NL 48-25-21; WL 106-32-10

Frequency Information

Glasgow, MT - NL 48-25-21; WL 106-32-10; MOBILE: Glasgow Industrial Air Park, temporarily fixed locations, Glasgow, MT,

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1030 MHz	FX	3M58M1N		
1230-1400 MHz	FX	3M00PXX		

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

This authorization effective March 31, 2011 and
will expire 3:00 A.M. EST December 01, 2012

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Special Conditions:

- (4) All testing shall be confined to the ground.
- (5) Power levels will not exceed the authorized power.
- (6) Operation is NOT PERMITTED in using the frequency bands 1280-1291 MHz and 1363-1374 MHz while transmitting 360 degrees.
- (7) No transmissions are between the azimuths of 106-116 degrees reference to true north while transmitting on all frequencies.
- (8) Operation is subject to prior coordination with the ARSR-4 facility in Watford City, ND.
- (9) Operation is subject to prior coordination with the FAA's Northwest Mountain Regional Frequency Management Office (FMO) at 425-227-2637 or (425) 227-2480 at least 24 hours prior to testing.
- (10) Transmissions and power will be kept to an absolute minimum to accomplish the testing objectives.
- (11) The allowed modes of operation for 1030 MHz are: MODE-1, MODE-2, MODE-3A and MODE-3C.
- (12) Stop buzzer procedures will be maintained in affect at all times during testing by continuous monitoring of 121.5 MHz/243.0 MHz.
- (13) 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.
- (14) This authorization is for the express purpose of installation and test of MESA radars in aircraft for export.
- (15) The designated point-of-contact to terminate transmissions if interference occurs is Victoria Habas at 503-890-2213.