

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

EXPERIMENTAL

(Nature of Service)

XE      FX

(Class of Station)

WE2XWL

(Call Sign)

0060-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) Victorville, CA - NL 34-35-42; WL 117-23-24

Frequency Information

Victorville, CA - NL 34-35-42; WL 117-23-24

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 1030 MHz      | FX            | 3M58M1N             |                  |                           |
| 1230-1255 MHz | FX            | 3M00PXX             |                  |                           |
| 1285-1305 MHz | FX            | 3M00PXX             |                  |                           |
| 1365-1400 MHz | FX            | 3M00PXX             |                  |                           |

This authorization effective May 12, 2011 and  
will expire 3:00 A.M. EST December 01, 2012

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



**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 station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) All testing shall be confined to the ground.
- (5) Power shall be at the authorized 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) Operation is subject to prior coordination with the FAA's Western Service Area Los Angeles Office (FMO) at 310-725-3671/3668/7470/3669 at least 24 hours prior to testing.
- (9) Stop buzzer procedures will be maintained in affect at all times during testing by continuous monitoring of 121.5 MHz/243.0 MHz.
- (10) 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.
- (11) This authorization is for the express purpose of installation and test of MESA radars in aircraft for export.
- (12) The designated point-of-contact to terminate transmissions if interference occurs is Victoria Habas at 503-890-2213.