

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

EXPERIMENTAL

(Nature of Service)

WH2XFU

(Call Sign)

XT FX MO

(Class of Station)

0409-EX-PL-2014

(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(h) of the Commission's Rules

Station Locations

- (1) Mesa (MARICOPA), AZ - NL 32-28-19; WL 111-43-28; MOBILE: Mesa, AZ, within 80 km, centered around NL 33-28-19; WL 111-43-28

Frequency Information

Mesa (MARICOPA), AZ - NL 32-28-19; WL 111-43-28; MOBILE: Mesa, AZ, within 80 km, centered around NL 33-28-19; WL 1

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
53.5 MHz	FX	30K0F3E	56 W (ERP)	
53.5 MHz	MO	30K0F3E	56 W (ERP)	
55 MHz	FX	30K0F3E	56 W (ERP)	
55 MHz	MO	30K0F3E	56 W (ERP)	

This authorization effective July 03, 2014 and
will expire 3:00 A.M. EST July 01, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Mesa (MARICOPA), AZ - NL 32-28-19; WL 111-43-28; MOBILE: Mesa, AZ, within 80 km, centered around NL 33-28-19; WL 1

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
59 MHz	FX	30K0F3E	56 W (ERP)	
59 MHz	MO	30K0F3E	56 W (ERP)	
67 MHz	FX	30K0F3E	56 W (ERP)	
67 MHz	MO	30K0F3E	56 W (ERP)	
71 MHz	FX	30K0F3E	56 W (ERP)	
71 MHz	MO	30K0F3E	56 W (ERP)	
83 MHz	FX	30K0F3E	56 W (ERP)	
83 MHz	MO	30K0F3E	56 W (ERP)	
87 MHz	FX	30K0F3E	56 W (ERP)	
87 MHz	MO	30K0F3E	56 W (ERP)	

Frequency Information

Mesa (MARICOPA), AZ - NL 32-28-19; WL 111-43-28; MOBILE: Mesa, AZ, within 80 km, centered around NL 33-28-19; WL 1

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
122.7 MHz	FX	15K0A3E	50 W (ERP)	
122.7 MHz	MO	15K0A3E	50 W (ERP)	
122.725 MHz	FX	15K0A3E	50 W (ERP)	
122.725 MHz	MO	15K0A3E	50 W (ERP)	
123 MHz	FX	15K0A3E	50 W (ERP)	
123 MHz	MO	15K0A3E	50 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) Operation is subject to prior coordination and approval is completed with any co-channel Unicom operations in the area on frequencies 122.7 MHz, 123.0 MHz and 122.725 MHz.
- (4) Licensee must coordinate with the local Society Broadcast Engineers (SCB) frequency coordinator prior to operation on 55 MHz, 59 MHz, 67 MHz, 71 MHz, 83 MHz and 87 MHz.
- (5) Operation is NOT PERMITTED using the following frequencies: 121.75 MHz, 121.925 MHz, 125.125 MHz and 135.425 MHz.
- (6) The designated point-of-contact to terminate the system if interference occurs is Jim Baranosky 480-891-3263 (Office)/480-249-4996 (Cell).