

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

EXPERIMENTAL
(Nature of Service)

WE2XQQ
(Call Sign)

XT FX MO
(Class of Station)

0108-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(d) of the Commission's Rules

Station Locations

- (1) MOBILE: PHOENIX-LITCHFIELD AIRPORT, GOODYEAR (MARICOPA), AZ, within 3 km, centered around NL 33-25-48; WL 112-21-49
- (2) MOBILE: MARANA AIR PARK, MARANA (PINAL), AZ, within 3 km, centered around NL 32-30-42; WL 111-19-11
- (3) MOBILE: ROSWELL INDUSTRIAL AIR CENTER AIRPORT, ROSWELL (CHAVES), NM, within 3 km, centered around NL 33-24-24; WL 104-32-36
- (4) MOBILE: BOEING FIELD, SEATTLE (KING), WA, within 3 km, centered around NL 47-32-20; WL 122-18-46
- (5) MOBILE: PAINE FIELD, EVERETT (SNOHOMISH), WA, within 3 km, centered around NL 47-54-43; WL 122-16-20
- (6) REDMOND, WA - NL 47-38-44; WL 122-07-56

Frequency Information

MOBILE: PHOENIX-LITCHFIELD AIRPORT, GOODYEAR (MARICOPA), AZ, within 3 km, centered around NL 33-25-48; WL 112-21-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5150-5250 MHz	MO	100MW0N 100MW9W	220 mW (ERP)	
5250-5350 MHz	MO	100MW0N	220 mW (ERP)	

This authorization effective May 03, 2011 and
will expire 3:00 A.M. EST April 01, 2012

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: PHOENIX-LITCHFIELD AIRPORT, GOODYEAR (MARICOPA), AZ, within 3 km, centered around NL 33-25-48;
WL 112-21-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5250-5350 MHz	MO	100MW9W	220 mW (ERP)	
5300 MHz	MO	100MW0N 100MW9W	220 mW (ERP)	
5470-5725 MHz	MO	100MW0N 100MW9W	220 mW (ERP)	
5725-5825 MHz	MO	100MW0N 100MW9W	220 mW (ERP)	
5775 MHz	MO	100MW0N 100MW9W	220 mW (ERP)	

MOBILE: MARANA AIR PARK, MARANA (PINAL), AZ, within 3 km, centered around NL 32-30-42; WL 111-19-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5150-5250 MHz	MO	100MW0N 100MW9W	220 mW (ERP)	
5250-5350 MHz	MO	100MW9W 100MW0N	220 mW (ERP)	
5300 MHz	MO	100MW0N	220 mW (ERP)	

Frequency Information

MOBILE: MARANA AIR PARK, MARANA (PINAL), AZ, within 3 km, centered around NL 32-30-42; WL 111-19-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5300 MHz	MO	100MW9W	220 mW (ERP)	
5470-5725 MHz	MO	100MW0N 100MW9W	220 mW (ERP)	
5725-5825 MHz	MO	100MW0N 100MW9W	220 mW (ERP)	
5775 MHz	MO	100MW0N 100MW9W	220 mW (ERP)	

MOBILE: ROSWELL INDUSTRIAL AIR CENTER AIRPORT, ROSWELL (CHAVES), NM, within 3 km, centered around NL 33-24-24; WL 104-32-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5150-5250 MHz	MO	100MW0N 100MW9W	220 mW (ERP)	
5250-5350 MHz	MO	100MW9W 100MW0N	220 mW (ERP)	
5300 MHz	MO	100MW0N 100MW9W	220 mW (ERP)	
5470-5725 MHz	MO	100MW0N	220 mW (ERP)	

Frequency Information

MOBILE: ROSWELL INDUSTRIAL AIR CENTER AIRPORT, ROSWELL (CHAVES), NM, within 3 km, centered around NL 33-24-24; WL 104-32-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5470-5725 MHz	MO	100MW9W	220 mW (ERP)	
5725-5825 MHz	MO	100MW0N 100MW9W	220 mW (ERP)	
5775 MHz	MO	100MW0N 100MW9W	220 mW (ERP)	

MOBILE: BOEING FIELD, SEATTLE (KING), WA, within 3 km, centered around NL 47-32-20; WL 122-18-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5150-5250 MHz	MO	100MW0N 100MW9W	220 mW (ERP)	
5250-5350 MHz	MO	100MW0N 100MW9W	220 mW (ERP)	
5300 MHz	MO	100MW0N 100MW9W	220 mW (ERP)	
5470-5725 MHz	MO	100MW0N 100MW9W	220 mW (ERP)	
5725-5825 MHz	MO	100MW0N	220 mW (ERP)	

Frequency Information

MOBILE: BOEING FIELD, SEATTLE (KING), WA, within 3 km, centered around NL 47-32-20; WL 122-18-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5725-5825 MHz	MO	100MW9W	220 mW (ERP)	
5775 MHz	MO	100MW0N 100MW9W	220 mW (ERP)	

MOBILE: PAINE FIELD, EVERETT (SNOHOMISH), WA, within 3 km, centered around NL 47-54-43; WL 122-16-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5150-5250 MHz	MO	100MW0N 100MW9W	220 mW (ERP)	
5250-5350 MHz	MO	100MW9W 100MW0N	220 mW (ERP)	
5300 MHz	MO	100MW0N 100MW9W	220 mW (ERP)	
5470-5725 MHz	MO	100MW0N 100MW9W	220 mW (ERP)	
5725-5825 MHz	MO	100MW9W 100MW0N	220 mW (ERP)	
5775 MHz	MO	100MW0N	220 mW (ERP)	

Frequency Information

MOBILE: PAINE FIELD, EVERETT (SNOHOMISH), WA, within 3 km, centered around NL 47-54-43; WL 122-16-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5775 MHz	MO	100MW9W	220 mW (ERP)	

REDMOND, WA - NL 47-38-44; WL 122-07-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5150-5250 MHz	FX	100MW0N 100MW9W	220 mW (ERP)	
5250-5350 MHz	FX	100MW0N 100MW9W	220 mW (ERP)	
5300 MHz	FX	100MW0N 100MW9W	220 mW (ERP)	
5470-5725 MHz	FX	100MW0N 100MW9W	220 mW (ERP)	
5725-5825 MHz	FX	100MW0N 100MW9W	220 mW (ERP)	
5775 MHz	FX	100MW0N 100MW9W	220 mW (ERP)	

Special Conditions:

- (1) Subject to prior coordination with FAA Western Regional Office, P.O. Box 92007, Worldway Center, Los Angeles, California 90009, Attn: Frequency Management Office. Phone 310-297-1872.
- (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) The designated point-of-contact to terminate transmissions if interference occurs is Donald Schultz at (425) 239-9674.
- (4) The frequency bands 5250-5825 MHz is NOT allowed for renewal of the license due to potential interference to Navy and the other Federal Government operations.