

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

EXPERIMENTAL

(Nature of Service)

WE2XEP

(Call Sign)

XD MO

(Class of Station)

0063-EX-ML-2011

(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(i) of the Commission's Rules

Station Locations

- (1) MOBILE: GOODYEAR (MARICOPA), AZ, within 10 km, centered around NL 33-25-48; WL 112-21-49
- (2) MOBILE: MARANA (PINAL), AZ, within 10 km, centered around NL 32-30-42; WL 111-19-11
- (3) MOBILE: MOJAVE (KERN), CA, within 10 km, centered around NL 33-03-24; WL 118-09-26
- (4) MOBILE: VICTORVILLE (SAN BERNARDINO), CA, within 10 km, centered around NL 34-35-16; WL 117-22-31
- (5) MOBILE: SEATTLE (KING), WA, within 10 km, centered around NL 47-32-20; WL 122-18-46
- (6) MOBILE: EVERETT (SNOHOMISH), WA, within 10 km, centered around NL 47-54-43; WL 122-16-20
- (7) MOBILE: GLASGOW (VALLEY), MT, within 10 km, centered around NL 48-12-58; WL 106-37-06
- (8) MOBILE: MOSES LAKE (GRANT), WA, within 10 km, centered around NL 47-08-32; WL 119-14-31
- (9) MOBILE: ROSEBUD (ROSEBUD), MT, within 10 km, centered around NL 46-16-28; WL 106-20-46
- (10) MOBILE: WESTERN CONUS (WA,CA,OR,ID,NV,AZ,UT,MT,WY,CO,NM), within 0 km, centered around NL 33-49-20; WL 118-09-46

This authorization effective May 12, 2011 and
will expire 3:00 A.M. EST July 01, 2013

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: GOODYEAR (MARICOPA), AZ, within 10 km, centered around NL 33-25-48; WL 112-21-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
824-896 MHz	MO	N0N 200KGXX 1M23WXX	2 W (ERP)	
1930-1990 MHz	MO	N0N 200KGXX 1M23WXX	2 W (ERP)	
1989 MHz	MO	N0N	30 W (ERP)	

MOBILE: MARANA (PINAL), AZ, within 10 km, centered around NL 32-30-42; WL 111-19-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
824-896 MHz	MO	N0N 200KGXX 1M23WXX	2 W (ERP)	
1930-1990 MHz	MO	N0N 200KGXX 1M23WXX	2 W (ERP)	
1989 MHz	MO	N0N	30 W (ERP)	

Frequency Information

MOBILE: MOJAVE (KERN), CA, within 10 km, centered around NL 33-03-24; WL 118-09-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
824-896 MHz	MO	N0N 200KGXX 1M23WXX	2 W (ERP)	
1930-1990 MHz	MO	N0N 200KGXX 1M23WXX	2 W (ERP)	
1989 MHz	MO	N0N	30 W (ERP)	

MOBILE: VICTORVILLE (SAN BERNARDINO), CA, within 10 km, centered around NL 34-35-16; WL 117-22-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
824-896 MHz	MO	N0N 200KGXX 1M23WXX	2 W (ERP)	
1930-1990 MHz	MO	N0N 200KGXX 1M23WXX	2 W (ERP)	
1989 MHz	MO	N0N	30 W (ERP)	

Frequency Information

MOBILE: SEATTLE (KING), WA, within 10 km, centered around NL 47-32-20; WL 122-18-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
824-896 MHz	MO	N0N 200KGXX 1M23WXX	2 W (ERP)	
1930-1990 MHz	MO	N0N 200KGXX 1M23WXX	2 W (ERP)	
1989 MHz	MO	N0N	30 W (ERP)	

MOBILE: EVERETT (SNOHOMISH), WA, within 10 km, centered around NL 47-54-43; WL 122-16-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
824-896 MHz	MO	N0N 200KGXX 1M23WXX	2 W (ERP)	
1930-1990 MHz	MO	N0N 200KGXX 1M23WXX	2 W (ERP)	
1989 MHz	MO	N0N	30 W (ERP)	

Frequency Information

MOBILE: GLASGOW (VALLEY), MT, within 10 km, centered around NL 48-12-58; WL 106-37-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
824-896 MHz	MO	N0N 200KGXX 1M23WXX	2 W (ERP)	
1930-1990 MHz	MO	N0N 200KGXX 1M23WXX	2 W (ERP)	
1989 MHz	MO	N0N	30 W (ERP)	

MOBILE: MOSES LAKE (GRANT), WA, within 10 km, centered around NL 47-08-32; WL 119-14-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
824-896 MHz	MO	N0N 200KGXX 1M23WXX	2 W (ERP)	
1930-1990 MHz	MO	N0N 200KGXX 1M23WXX	2 W (ERP)	
1989 MHz	MO	N0N	30 W (ERP)	

Frequency Information

MOBILE: ROSEBUD (ROSEBUD), MT, within 10 km, centered around NL 46-16-28; WL 106-20-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
824-896 MHz	MO	N0N 200KGXX 1M23WXX	2 W (ERP)	
1930-1990 MHz	MO	N0N 200KGXX 1M23WXX	2 W (ERP)	
1989 MHz	MO	N0N	30 W (ERP)	

MOBILE: WESTERN CONUS (WA,CA,OR,ID,NV,AZ,UT,MT,WY,CO,NM), within 0 km, centered around NL 33-49-20; WL 118-09-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
824-896 MHz	MO	200KGXX 1M23WXX	40 mW (ERP)	
1930-1990 MHz	MO	200KGXX 1M23WXX	40 mW (ERP)	

Special Conditions:

- (1) Operation in the 824-849 or 869-894 MHz band requires consent of local cellular licensee(s) to avoid interference.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Operation in the 1850-1910 or 1930-1990 MHz band requires prior frequency coordination with 2 GHz microwave users and consent of PCS licensees to avoid interference.

Special Conditions:

- (4) Testing is authorized as a temporary pico cell experiment under the authority of Part 5 of the Commission rules and does not constitute a waiver of Section 22.925 of the Commission rules.
- (5) Pico cell operations shall not cause interference to licensed services and are subject to immediate shut down until any interference issues are resolved.