

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WE2XSN

(Call Sign)

0135-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(k) of the Commission's Rules

Station Locations

(1) Marana (PINAL), AZ - NL 32-30-42; WL 111-19-11

Frequency Information

Marana (PINAL), AZ - NL 32-30-42; WL 111-19-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
30-74.6 MHz	FX	1K00N0N	20 W (ERP)	0.001 %
75.2-108 MHz	FX	1K00N0N	20 W (ERP)	0.001 %
137-225 MHz	FX	1K00N0N	20 W (ERP)	0.001 %
400-405 MHz	FX	1K00N0N	20 W (ERP)	0.001 %

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

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Marana (PINAL), AZ - NL 32-30-42; WL 111-19-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
407-412 MHz	FX	1K00N0N	20 W (ERP)	0.001 %
417-932 MHz	FX	1K00N0N	20 W (ERP)	0.001 %
935-941 MHz	FX	1K00N0N	20 W (ERP)	0.001 %
944-959 MHz	FX	1K00N0N	20 W (ERP)	0.001 %
1427-1435 MHz	FX	1K00N0N	20 W (ERP)	0.001 %
1535-1545 MHz	FX	1K00N0N	20 W (ERP)	0.001 %
1610-1645.5 MHz	FX	1K00N0N	20 W (ERP)	0.001 %
1668.4-1710 MHz	FX	1K00N0N	20 W (ERP)	0.001 %
1847-2700 MHz	FX	1K00N0N	20 W (ERP)	0.001 %
3100-4200 MHz	FX	1K00N0N	20 W (ERP)	0.001 %

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4400-5000 MHz	FX	1K00N0N	20 W (ERP)	0.001 %
5250-5600 MHz	FX	1K00N0N	20 W (ERP)	0.001 %
5650-7125 MHz	FX	1K00N0N	20 W (ERP)	0.001 %
8500-9000 MHz	FX	1K00N0N	20 W (ERP)	0.001 %
9200-9300 MHz	FX	1K00N0N	20 W (ERP)	0.001 %
9500-14523 MHz	FX	1K00N0N	20 W (ERP)	0.001 %
15322-15700 MHz	FX	1K00N0N	20 W (ERP)	0.001 %
16200-18000 MHz	FX	1K00N0N	20 W (ERP)	0.001 %

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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) Operations subject to coordination prior to activation and, as appropriate, possible scheduling with DOD AFC AZ 502-538-6423.
- (4) Licensee must notch out all frequencies per FAA prior coordination and is subject to immediate shut down in the event of any harmful interference.

Special Conditions:

- (5) Operation is NOT PERMITTED in the frequency 156.775-156.825MHz, 161.95-162.05 MHz and 15350-15400 MHz.