

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

EXPERIMENTAL
(Nature of Service)

WD2XNA
(Call Sign)

XD FX
(Class of Station)

0082-EX-RR-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 i) of the Commission's Rules

Station Locations

(1) Long beach (LOS ANGELES), CA - NL 33-49-38; WL 118-09-03

Frequency Information

Long beach (LOS ANGELES), CA - NL 33-49-38; WL 118-09-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.878 MHz	FX	2K50H3E 2K15J3E 100HA1A	400 W (ERP)	0.001 %
2.947 MHz	FX	2K50H3E 2K15J3E 100HA1A	400 W (ERP)	0.001 %
3.001 MHz	FX	100HA1A 2K15J3E	400 W (ERP)	0.001 %

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

**FEDERAL
COMMUNICATIONS
COMMISSION**



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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3.001 MHz	FX	2K50H3E	400 W (ERP)	0.001 %
3.019 MHz	FX	2K50H3E 2K15J3E 100HA1A	400 W (ERP)	0.001 %
3.434 MHz	FX	100HA1A 2K15J3E 2K50H3E	400 W (ERP)	0.001 %
4.672 MHz	FX	2K50H3E 2K15J3E 100HA1A	400 W (ERP)	0.001 %
5.463 MHz	FX	100HA1A 2K15J3E 2K50H3E	400 W (ERP)	0.001 %
5.508 MHz	FX	2K50H3E 2K15J3E 100HA1A	400 W (ERP)	0.001 %
5.529 MHz	FX	7K00A3E 7K00A9W 14K0G1D	400 W (ERP)	0.001 %

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.538 MHz	FX	14K0G1D 7K00A9W 7K00A3E	400 W (ERP)	0.001 %
6.559 MHz	FX	14K0G1D 7K00A9W 7K00A3E	400 W (ERP)	0.001 %
8.912 MHz	FX	14K0G1D 7K00A9W 7K00A3E	400 W (ERP)	0.001 %
8.927 MHz	FX	14K0G1D 7K00A9W 7K00A3E	400 W (ERP)	0.001 %
8.936 MHz	FX	14K0G1D 7K00A9W 7K00A3E	400 W (ERP)	0.001 %
10.081 MHz	FX		400 W (ERP)	0.001 %
11.312 MHz	FX		400 W (ERP)	0.001 %

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11.327 MHz	FX		400 W (ERP)	0.001 %
11.348 MHz	FX		400 W (ERP)	0.001 %
13.276 MHz	FX		400 W (ERP)	0.001 %
17.919 MHz	FX		400 W (ERP)	0.001 %
17.934 MHz	FX		400 W (ERP)	0.001 %
21.928 MHz	FX		400 W (ERP)	0.001 %
21.934 MHz	FX		400 W (ERP)	0.001 %
21.937 MHz	FX		400 W (ERP)	0.001 %
131.45 MHz	FX	14K0G1D 7K00A3E 7K00A9W	25 W (ERP)	0.001 %
131.55 MHz	FX	14K0G1D 7K00A3E	25 W (ERP)	0.001 %

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
131.55 MHz	FX	7K00A9W	25 W (ERP)	0.001 %
131.725 MHz	FX	14K0G1D 7K00A3E 7K00A9W	25 W (ERP)	0.001 %
131.825 MHz	FX	14K0G1D 7K00A3E 7K00A9W	25 W (ERP)	0.001 %
136.85 MHz	FX	14K0G1D 7K00A3E 7K00A9W	25 W (ERP)	0.001 %
136.925 MHz	FX	14K0G1D 7K00A3E 7K00A9W	25 W (ERP)	0.001 %
136.975 MHz	FX	14K0G1D 7K00A3E 7K00A9W	25 W (ERP)	0.001 %

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (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.

Special Conditions:

- (3) Licensee is authorized to operate using the designated frequencies and emissions as agreed upon during prior coordination.
- (4) Operation is subject to prior coordination with Aviation Spectrum Resources Inc (ASRI).