

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

EXPERIMENTAL
(Nature of Service)

WG2XNA
(Call Sign)

XT FX
(Class of Station)

0066-EX-PL-2013
(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) El Segundo (LOS ANGELES), CA - NL 33-55-45; WL 118-23-17
- (2) El Segundo (LOS ANGELES), CA - NL 33-55-42; WL 118-23-19

Frequency Information

El Segundo (LOS ANGELES), CA - NL 33-55-45; WL 118-23-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3700.00000000-4200.00000000 MHz	FX	NON	15850.000000 W (ERP)	
5800.00000000-6800.00000000 MHz	FX	NON	1.000000 uW (ERP)	
10700.00000000-12700.00000000 MHz	FX	NON	501.190000 kW (ERP)	
12750.00000000-13250.00000000 MHz	FX	NON	1.500000 uW (ERP)	

This authorization effective April 23, 2013 and
will expire 3:00 A.M. EST May 01, 2015

**FEDERAL
COMMUNICATIONS
COMMISSION**

Frequency Information

El Segundo (LOS ANGELES), CA - NL 33-55-45; WL 118-23-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
13750.00000000-14000.00000000 MHz	FX	N0N	1.500000 uW (ERP)	
14000.00000000-14500.00000000 MHz	FX	N0N	1.500000 uW (ERP)	
17300.00000000-17800.00000000 MHz	FX	N0N	1.500000 uW (ERP)	
19700.00000000-20200.00000000 MHz	FX	N0N	3981.000000 W (ERP)	
29500.00000000-30000.00000000 MHz	FX	N0N	2.500000 uW (ERP)	

El Segundo (LOS ANGELES), CA - NL 33-55-42; WL 118-23-19

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3700.00000000-4200.00000000 MHz	FX	N0N	15850.000000 W (ERP)	
5800.00000000-6800.00000000 MHz	FX	N0N	1.000000 uW (ERP)	
10700.00000000-12700.00000000 MHz	FX	N0N	501.190000 kW (ERP)	
13750.00000000-14000.00000000 MHz	FX	N0N	1.500000 uW (ERP)	

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29500.00000000-30000.00000000 MHz	FX	N0N	2.500000 uW (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) Licensee must coordinate with the incumbent fixed microwave in the 3700-4200 MHz, 5925-6875 MHz, 10700-12700 MHz, 12750-13250 MHz, 14200-14400 MHz and 17700-17800 MHz bands prior to conducting the testing.
- (4) Prior to activation, licensee must coordinate with Western Area Frequency Coordinator at (760) 939-6948.
- (5) Upon notification from the FCC, operation on this assignment is subject to immediate cessation, if it causes harmful interference to Navy assignments.
- (6) The designated point-of-contact if having interference occurs is Mike Fox at 310-416-4656 or 310-469-8277.