

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WG2XNA

(Call Sign)

0112-EX-ML-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 (+/-)
3700-4200 MHz	FX	NON	15850 W (ERP)	
5800-6800 MHz	FX	NON	1 uW (ERP)	
10700-12700 MHz	FX	NON	501.19 kW (ERP)	
12750-13250 MHz	FX	NON	1.5 uW (ERP)	

This authorization effective July 09, 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 (+/-)
13750-14000 MHz	FX	N0N	1.5 uW (ERP)	
14000-14500 MHz	FX	N0N	1.5 uW (ERP)	
17300-17800 MHz	FX	N0N	1.5 uW (ERP)	
19700-20200 MHz	FX	N0N	3981 W (ERP)	
29500-30000 MHz	FX	N0N	2.5 uW (ERP)	

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3700-4200 MHz	FX	N0N	15850 W (ERP)	
5800-6800 MHz	FX	N0N	1 uW (ERP)	
10700-12700 MHz	FX	N0N	501.19 kW (ERP)	
12750-13250 MHz	FX	N0N	1.5 uW (ERP)	

Frequency Information

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29500-30000 MHz	FX	N0N	2.5 uW (ERP)	

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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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.