

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WG2XYP

(Call Sign)

0544-EX-CR-2017

(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(h) 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 (+/-)
12.701-12.738 GHz	FX	NON	501.19 kW (ERP)	
13.753 GHz	FX	NON	40 W (ERP)	
13.758-13.992 GHz	FX	NON	40 W (ERP)	
13.998 GHz	FX	NON	40 W (ERP)	

This authorization effective February 01, 2018 and
will expire 3:00 A.M. EST February 01, 2020

**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 (+/-)
14.401-14.486 GHz	FX	N0N	40 W (ERP)	
14.496 GHz	FX	N0N	40 W (ERP)	
14.505-14.789 GHz	FX	N0N	40 W (ERP)	
17.314-17.548 GHz	FX	N0N	40 W (ERP)	
28-30 GHz	FX	N0N	40 W (ERP)	

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

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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 local Society of Broadcast Engineer coordinator and with the existing and future Fixed Microwave Service licensees in accordance with 47 CFR, Part 101.103(d) prior to accessing to 12.701-12.738 GHz and 28-30 GHz.
- (4) Prior to activation, licensee must coordinate with Western Area Frequency Coordinator at 760-939-6948.
- (5) The designated point-of-contact to terminate the system if interference occurs is Kourken Hamalian at 310-662-6490 OR 310-529-8102.