

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

EXPERIMENTAL
(Nature of Service)

WF2XCX
(Call Sign)

XT FX
(Class of Station)

0100-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(i) of the Commission's Rules

Station Locations

(1) El Segundo (LOS ANGELES), CA - NL 33-55-49; WL 118-23-35

Frequency Information

El Segundo (LOS ANGELES), CA - NL 33-55-49; WL 118-23-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
240.00000000-270.00000000 MHz	FX	NON	5.000000 W (ERP)	0.00100000 %
240.00000000-242.50000000 MHz	FX	NON	5.000000 W (ERP)	0.00100000 %
243.50000000-247.00000000 MHz	FX	NON	5.000000 W (ERP)	0.00100000 %
247.50000000-249.50000000 MHz	FX	NON	5.000000 W (ERP)	0.00100000 %

This authorization effective April 26, 2011 and
will expire 3:00 A.M. EST December 01, 2011

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

El Segundo (LOS ANGELES), CA - NL 33-55-49; WL 118-23-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
251.50000000-254.00000000 MHz	FX	N0N	5.000000 W (ERP)	0.00100000 %
255.25000000 MHz	FX	N0N	5.000000 W (ERP)	0.00100000 %
255.50000000-257.00000000 MHz	FX	N0N	5.000000 W (ERP)	0.00100000 %
258.00000000-263.00000000 MHz	FX	N0N	5.000000 W (ERP)	0.00100000 %
263.50000000-268.50000000 MHz	FX	N0N	5.000000 W (ERP)	0.00100000 %
290.00000000-320.00000000 MHz	FX	N0N	5.000000 W (ERP)	0.00100000 %
290.50000000-291.00000000 MHz	FX	N0N	5.000000 W (ERP)	0.00100000 %
292.00000000-294.50000000 MHz	FX	N0N	5.000000 W (ERP)	0.00100000 %
295.00000000-298.00000000 MHz	FX	N0N	5.000000 W (ERP)	0.00100000 %
300.00000000-306.00000000 MHz	FX	N0N	5.000000 W (ERP)	0.00100000 %

Frequency Information

El Segundo (LOS ANGELES), CA - NL 33-55-49; WL 118-23-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
308.00000000-316.00000000 MHz	FX	N0N	5.000000 W (ERP)	0.00100000 %
319.50000000-320.00000000 MHz	FX	N0N	5.000000 W (ERP)	0.00100000 %

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) Operations must cease immediately if notified of interference.

Special Conditions:

- (4) Operation is NOT permitted on these frequency bands:
- M00242.987500 - M00243.012500
 - M00247.362500 - M00247.387500
 - M00249.862500 - M00249.887500
 - M00250.000000 - M00250.900000
 - M00251.150000 - M00251.475000
 - M00254.287500 - M00254.900000
 - M00255.387500 - M00255.412500
 - M00257.587500 - M00257.950000
 - M00263.012500 - M00263.037500
 - M00268.987500 - M00269.612500
 - M00290.187500 - M00290.487500
 - M00291.087500 - M00291.812500
 - M00294.587500 - M00294.612500
 - M00298.837500 - M00298.862500
 - M00299.387500 - M00299.412500
 - M00299.587500 - M00299.612500
 - M00299.687500 - M00299.712500
 - M00306.287500 - M00306.312500
 - M00306.887500 - M00306.912500
 - M00307.087500 - M00307.112500
 - M00307.787500 - M00307.812500
 - M00316.112500 - M00316.137500
 - M00317.487500 - M00317.512500
 - M00318.187500 - M00318.212500
 - M00318.487500 - M00318.512500
 - M00318.787500 - M00318.812500
 - M00319.137500 - M00319.162500
- (5) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by US Navy contract number N00039-88-C-0300. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.
- (6) The designated point-of-contact to terminate transmissions if interference occurs is Elizabeth Klein Lebbink: phone (310) 662-5891 and mobile (310) 418-4915.