

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WI2XCY

(Call Sign)

0701-EX-PL-2015

(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) Cherry Point, NC - NL 34-54-02; WL 76-52-50

Frequency Information

Cherry Point, NC - NL 34-54-02; WL 76-52-50

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2-2.494 MHz	FX	NON	400 W (ERP)	
2.506-2.849 MHz	FX	NON	400 W (ERP)	
3.026-3.399 MHz	FX	NON	400 W (ERP)	
3.501-4.649 MHz	FX	NON	400 W (ERP)	

This authorization effective January 12, 2016 and
will expire 3:00 A.M. EST January 01, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Cherry Point, NC - NL 34-54-02; WL 76-52-50

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.701-4.994 MHz	FX	N0N	400 W (ERP)	
5.006-5.449 MHz	FX	N0N	400 W (ERP)	
5.681-6.524 MHz	FX	N0N	400 W (ERP)	
6.686-8.814 MHz	FX	N0N	400 W (ERP)	
8.966-9.994 MHz	FX	N0N	400 W (ERP)	
10.101-11.274 MHz	FX	N0N	400 W (ERP)	
11.401-13.259 MHz	FX	N0N	400 W (ERP)	
13.361-14.989 MHz	FX	N0N	400 W (ERP)	
15.011-17.899 MHz	FX	N0N	400 W (ERP)	
17.971-19.989 MHz	FX	N0N	400 W (ERP)	

Frequency Information

Cherry Point, NC - NL 34-54-02; WL 76-52-50

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
20.02-21.923 MHz	FX	NON	400 W (ERP)	
22.01-24.989 MHz	FX	NON	400 W (ERP)	
25.02-30 MHz	FX	NON	400 W (ERP)	

Special Conditions:

- (1) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9102 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir @ sbe.org; information, www.sbe.org.
- (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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) The designated point-of-contact to terminate transmissions if interference occurs is Vincent Mancuso at 610-591-7215.
- (5) Boeing must notch out the following frequencies:
 - a. The following frequencies are all +/- 1.4 kHz
 - i. 2104.9 kHz, 2183.4 kHz, 2187.5 kHz, 2639.4 kHz, 2668.4 kHz, 2671.4 kHz, 2676.4 kHz, 2687.4 kHz, 2703.4 kHz.
 - ii. 2739.4 kHz, 3024.4 kHz, 3054.4 kHz, 3057.4 kHz, 4418.4 kHz, 4731.4 kHz, 4734.4 kHz, 5321.4 kHz, 5423.9 kHz, 5681.4 kHz.
 - iii. 5694.4 kHz, 5697.4 kHz, 5700.4 kHz, 6710.4 kHz, 6743.4 kHz, 8981.4 kHz, 8984.4 kHz, 9035.4 kHz, 11197.4 kHz.
 - iv. 13219.4 kHz, 13222.4 kHz, 15083.4 kHz, 15086.4 kHz, 15089.4 kHz, 17989.4 kHz and 17992.4 kHz.
 - b. The following frequencies are all +/- 1.65 kHz
 - i. 4512.4 kHz, 4786.4 kHz, 4786.5 kHz, 4940 kHz, 6776.4 kHz, 7901.5 kHz, 12214.4 kHz, 17541.4 kHz and 26610 kHz.

Special Conditions:

- (6) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by US Navy N00019-12-0006. 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.