

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

EXPERIMENTAL

(Nature of Service)

XC FX

(Class of Station)

WG2XFS

(Call Sign)

0497-EX-CR-2018

(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) St. Charles (ST CHARLES), MO - NL 38-55-36; WL 90-22-34

Frequency Information

St. Charles (ST CHARLES), MO - NL 38-55-36; WL 90-22-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
30-65 MHz	FX	NON	10 W (ERP)	
800-960 MHz	FX	NON	10 W (ERP)	
1160-1290 MHz	FX	NON	10 W (ERP)	

Special Conditions:

- (1) Assignment on 1030 MHz or in one of the bands 1215, 2700-2900, or 9000-9200 MHz was coordinated prior to authorization with the FAA Central Coordinator, Kansas City, MO. Use of frequencies under the authority of this assignment is subject to such further coordination with the FAA Central Coordinator, Kansas City, MO, as necessary to ensure compatibility with existing uses.

This authorization effective February 01, 2019 and
will expire 3:00 A.M. EST February 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (2) 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.
- (3) 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.
- (4) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (5) Operation is NOT PERMITTED using the following frequency bands:
932.675 - 932.725 MHz
941.675 - 941.725 MHz
1160.50 - 1161.50 MHz
1169.50 - 1170.50 MHz
1183.50 - 1184.50 MHz
1190.50 - 1191.50 MHz
1193.50 - 1194.50 MHz
1205.50 - 1206.50 MHz
1207.50 - 1208.50 MHz
- (6) Operation is subject to prior coordination with FAA Central Regional Office, 601 East 12th St., Kansas City, Missouri 64106, ATTN: Frequency Management Office: (816) 426-5647.
- (7) The designated point-of-contact to terminate the system if having interference occurs is John Vortmeier (636) 250-3814.
- (8) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by US Navy that contract number is shown in exhibit. 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.