

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

EXPERIMENTAL

(Nature of Service)

WL2XLN

(Call Sign)

XC FX MO

(Class of Station)

0030-EX-CN-2021

(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) Destin (OKALOOSA), FL - NL 30-27-41; WL 86-33-07; MOBILE: Max Flight Level is 10,000 ft, Destin, FL, within 248 km, centered around NL 30-27-41; WL 86-33-07

Frequency Information

Destin (OKALOOSA), FL - NL 30-27-41; WL 86-33-07; MOBILE: Max Flight Level is 10,000 ft, Destin, FL, within 248 km, cent

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14.7145-15.1365 GHz	MO	320MG2W 160MG2W	2259 W (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.

This authorization effective February 18, 2021 and
will expire 3:00 A.M. EST March 01, 2023

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by US Air Force, contract number FA8612-20-D-0005. 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.
- (4) The designated point of contact to terminate the systems if interference occurs is Dan Letbetter at 714-896-2013.
- (5) Boeing must schedule the operation of the system for de-confliction through the Eglin scheduling system, CSE.
- (6) Boeing must have an Eglin sponsor to schedule this system to operate in or near the Eglin range.