

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WQ9XTI

(Call Sign)

XT FX MO

(Class of Station)

1083-EX-ST-2020

(File Number)

NAME The Boeing Company

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

The purpose of this license is to support DNW system development, testing and demonstrations.

Station Locations

- (1) Destin (OKALOOSA), FL - NL 30-27-41; WL 86-33-07; MOBILE: Max Flight Level is ground to 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 ground to 10,000 ft, Destin, FL, within 24

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

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

This authorization effective September 03, 2020 and
will expire 3:00 A.M. EST March 04, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (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) The designated point of contact to terminate the systems if interference occurs is Dan Letbetter at 714-896-2013.
- (4) 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.
- (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.