

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WL2XHO

(Call Sign)

0853-EX-CN-2020

(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) Oklahoma City (OKLAHOMA), OK - NL 35-24-29; WL 97-24-27

Frequency Information

Oklahoma City (OKLAHOMA), OK - NL 35-24-29; WL 97-24-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
136.7 MHz	FX	14K0G1D	18 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.
- (3) Boeing shall not be able to claim protection from, nor interfere with, other VDLM2 frequencies used for live AOC/ATC traffic.
- (4) Operation shall not be used for live operational/ATC traffic or integrated into a private operational VDLM2 MF network.
- (5) Operation shall not be guaranteed any level of performance within the RF environment, it is for the functional testing of VDLM2 message traffic only.

This authorization effective October 14, 2020 and
will expire 3:00 A.M. EST October 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (6) Boeing shall not be used for operational aircraft, the ground station operator must exercise access control so that only test aircraft or avionics rigs can access the channel (e.g. whitelist, etc.).
- (7) Boeing shall not be used for POA traffic, only VDL ATN/AOA message testing allowed.
- (8) Boeing shall not be kept in the aircraft CMU lookup table once aircraft has completed certification and testing.
- (9) If interference is received by any ASRI user, Boeing must cease operations upon the request of ASRI immediately.
- (10) Operation is subject to prior coordination with ASRI.
- (11) Stop Buzzers: Scott Luis, 405-622-6385 and Christopher Boies, 405-250-6534.