

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

EXPERIMENTAL

(Nature of Service)

WL2XJW

(Call Sign)

XT MO

(Class of Station)

0989-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(c) of the Commission's Rules

Station Locations

- (1) MOBILE: Within compounds of Boeing facility, Ridley Park, PA, within 5 km, centered around NL 39-51-36; WL 75-19-15

Frequency Information

MOBILE: Within compounds of Boeing facility, Ridley Park, PA, within 5 km, centered around NL 39-51-36; WL 75-19-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
174-224 MHz	MO	1K00A3E	100 pW (ERP)	

Special Conditions:

- (1) The occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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) Operation is subject to prior coordination with the local Society of Broadcast Engineers frequency coordinator.

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

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (4) Prior to commencing any operations in the frequencies below, the applicant must obtain consent from the following within 10 miles of the contours of the testing area:
 - AMTS Licensee (217-218 MHz/219-220 MHz)
 - 218-219 MHz Service licensees
 - 220-222 MHz Service licensees

- (5) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by US Army CH-47 under multiple contracts as well as US Air Force MH-139. 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.