

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

EXPERIMENTAL

(Nature of Service)

WL2XKA

(Call Sign)

XC MO

(Class of Station)

0999-EX-CN-2020

(File Number)

NAME Raytheon Company (Missiles and Defense - M)

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: Onboard of an aircraft. Flying on path through following states:
AZ, TX, FL, NM, AL, MS, LA

Frequency Information

MOBILE: Onboard of an aircraft. Flying on path through following states: AZ, TX, FL, NM, AL, MS, LA

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4200-4400 MHz	MO	100MF3N	21.4 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.
- (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 station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) Raytheon must provide notification of the actual four flights dates prior to flight operations to DOD EAFC, 45sw.dodeafc@us.af.mil, and DOD GAFC Brian Franklin (brian.franklin@us.af.mil, 850-882-5648 (DSN 872) Desk or 850-883-7535 (DSN 875) Office).

This authorization effective February 12, 2021 and
will expire 3:00 A.M. EST February 01, 2023

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (5) Stop Buzzer Points of Contact:
Jim Ortega, Spectrum Manager
520-794-0227 (office)
James.e.ortega@raytheon.com

Daniel R Hopcus
drhopcus@raytheon.com
Phone Number : 520.794.4764
Cell Phone Number : 520-241-9486