

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

EXPERIMENTAL

(Nature of Service)

WM2XEK

(Call Sign)

XD FX MO

(Class of Station)

0811-EX-CN-2021

(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(j) of the Commission's Rules

Station Locations

- (1) Fort Benning, GA - NL 32-22-15; WL 84-48-18
- (2) MOBILE: Fort Benning, GA, within 8 km, centered around NL 32-22-15; WL 84-48-18

Frequency Information

Fort Benning, GA - NL 32-22-15; WL 84-48-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1362 MHz	FX	20M0G1D	49 mW (ERP)	
1377 MHz	FX	20M0G1D	49 mW (ERP)	

This authorization effective January 03, 2022 and
will expire 3:00 A.M. EST November 01, 2023

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Special Conditions:

- (1) One or more frequency assignments were coordinated prior to authorization with FAA Headquarters, 800 Independence Avenue, S.W., Washington, DC 20591; Telephone: 202-267-8699.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) 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.
- (5) The stop buzzer POC is Jim Ortega at (520) 794-0227.
- (6) Transmissions using a frequency of 1387 MHz shall not be used for airborne operations, as airborne emissions in the 1390-1400 MHz frequency band are prohibiting in accordance with Footnote US79.
- (7) Raytheon Company (Missiles and Defense - M) shall comply with the limits of unwanted emission recommendations specified in ITU Resolution 750 (Rev. WRC-19).
- (8) MUST SUPPORT MILITARY PROJECT AND LINE-OF-SIGHT DATA COMMUNICATION. RENEWAL OF THE ASSIGNMENT IS CONTINGENT UPON MILITARY CONTRACT NUMBER.