

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

EXPERIMENTAL

(Nature of Service)

WP9XOM

(Call Sign)

XT MO

(Class of Station)

0244-EX-TC-2019

(File Number)

NAME Raytheon 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.

Station Locations

- (1) MOBILE: Anchorage, AK.100 km radius around airport, within 100 km, centered around NL 61-10-34; WL 149-59-24
- (2) MOBILE: Elephant Butte, AZ.16 km radius around center point, within 16 km, centered around NL 33-20-07; WL 111-26-40
- (3) MOBILE: Truth or Consequence, NM, within 16 km, centered around NL 32-55-46; WL 107-17-48
- (4) MOBILE: Lake Havasu City, AZ. flights over lake and desert, within 16 km, centered around NL 34-29-28; WL 114-21-45
- (5) MOBILE: near Willcox, AZ. operations cover various topographies in AZ, within 120 km, centered around NL 32-26-04; WL 110-16-07

Frequency Information

MOBILE: Anchorage, AK.100 km radius around airport, within 100 km, centered around NL 61-10-34; WL 149-59-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4200-4400 MHz	MO	100MF3N	9.02 W (ERP)	

This authorization effective January 22, 2020 and
will expire 3:00 A.M. EST June 01, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



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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.

Special Conditions:

- (3) Raytheon Missile Systems must adhere to the following:
 - a. For operations at Truth or Consequence, NM, NL 32-55-46; WL 107-17-48, Raytheon must coordinate operations with the DoDAFC (WSMR), at least 96 hours prior to activation, via e-mail to usarmy.wsmr.imcom-central.list.dodafc@mail.mil
 - b. If operations require access to the nearby WSMR Restricted airspaces R-5111C, or R-5111D, Raytheon must coordinate for their use, at least 96 hours prior to activation, by calling WSMR Range Control at 575- 678-2221. This will also require Raytheon to obtain a WSMR Range sponsor, with whom Raytheon must schedule their operations as a WSMR Range Mission.
- (4) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered.