

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WQ9XAC

(Call Sign)

XT FX MO

(Class of Station)

0041-EX-ST-2020

(File Number)

NAME Raytheon SAS

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

The purpose of the frequency authorization is for a flight demonstration of the integration of the X-Net Radio onto a RQ-21A Blackjack.

Station Locations

- (1) Logan (CACHE), UT - NL 41-46-42; WL 111-51-13; MOBILE: 100 Km around Logan Cache UT Flight Level 5000 FT, within 100 km, centered around NL 41-46-42; WL 111-51-13

Frequency Information

Logan (CACHE), UT - NL 41-46-42; WL 111-51-13; MOBILE: 100 Km around Logan Cache UT Flight Level 5000 FT, within 100 km, centered around NL 41-46-42; WL 111-51-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1370-1390 MHz	MO	1M20G2D	4.832 W (ERP)	
1435-1525 MHz	MO	1M20G2D	4.832 W (ERP)	

This authorization effective March 16, 2020 and March 28, 2020
will expire 3:00 A.M. EST

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) This frequency assignment in one of the bands 1435-1525, 2310-2320 and 2345-2390 MHz was coordinated prior to authorization with the Area Frequency Coordinator, Nellis AFB, NV, who also coordinated it, as appropriate, with the Aerospace and Flight Test Radio Coordinating Council. Use of this frequency under the authority of this assignment is subject to such further coordination with the AFC as necessary to ensure compatibility with existing uses.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) 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.
- (4) The stop buzzer contact for this project is Craig Mauldin
Phone: 310-647-8102
Email: Craig_D_Mauldin@raytheon.com
- (5) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.