

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

EXPERIMENTAL

(Nature of Service)

WS9XPU

(Call Sign)

XC FX MO

(Class of Station)

1355-EX-ST-2021

(File Number)

NAME Raytheon Company (Missiles & Defense - M)

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:

Missile tests

Station Locations

- (1) Utah Test and Traini (TOOELE), UT - NL 40-09-24; WL 113-38-26
- (2) MOBILE: TOOELE, UT. flight around UTTR up to 40000 ft, within 225 km, centered around NL 40-09-24; WL 113-38-26

Frequency Information

Utah Test and Traini (TOOELE), UT - NL 40-09-24; WL 113-38-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5765 MHz	FX	12M7M1D	275.4 W (ERP)	

This authorization effective September 15, 2021 and
will expire 3:00 A.M. EST March 15, 2022

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COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: TOOELE, UT. flight around UTTR up to 40000 ft, within 225 km, centered around NL 40-09-24; WL 113-38-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2232.5 MHz	MO	3M90G1D	55 W (ERP)	
2252.5 MHz	MO	15M3G1D	55 W (ERP)	
5690 MHz	MO	12M7M1D	275.4 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) 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.
- (4) Airborne transmissions at 40,000 FT AGL shall not occur within 550 km of Goldstone, CA due to harmful interference to federal earth stations.
- (5) Stop Buzzer POC is Jim Ortega at 520-262-1797.
- (6) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by the U.S. Government; contract number FA2103-17-C-5000. 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.