

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

EXPERIMENTAL

(Nature of Service)

WQ9XQR

(Call Sign)

XT MO

(Class of Station)

0971-EX-ST-2020

(File Number)

NAME Dynetics, Inc.

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:

To test the Echoguard Model No: 700-0005-203_SSR ground-based surveillance radar in support of Contract# W15QKN-14-9-1001. This radar will not be used for radionavigation.

Station Locations

- (1) MOBILE: Temporary Fixed Ground Operations Huntsville AL, within 2 km, centered around NL 34-44-11; WL 86-41-04
- (2) MOBILE: Temporary Fixed Ground Ops Redstone Arsenal, within 7.5 km, centered around NL 34-41-06; WL 86-41-34

Frequency Information

MOBILE: Temporary Fixed Ground Operations Huntsville AL, within 2 km, centered around NL 34-44-11; WL 86-41-04

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24.45-24.65 GHz	MO	45M0FXN	246 W (ERP)	0.0001 %

This authorization effective July 27, 2020 and
will expire 3:00 A.M. EST January 28, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Temporary Fixed Ground Ops Redstone Arsenal, within 7.5 km, centered around NL 34-41-06; WL 86-41-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24.45-24.65 GHz	MO	45M0FXN	246 W (ERP)	0.0001 %

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) Stop Buzzer:
Primary: Boss Shell, Mobile: (256) 200-6784
Secondary: Jude Collins, Mobile: (256) 694-0063
- (5) The radar must not be used to separate aircraft.
- (6) The radar must not be used while in motion.
- (7) Only one radar should be used at a time.
- (8) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by US Army, Contract Number W15QKN-14-9-1001. 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.