

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

EXPERIMENTAL

(Nature of Service)

WQ9XEA

(Call Sign)

XT MO

(Class of Station)

0355-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:

This experimental STA will authorize the testing of a ground-sensing FMCW radar altimeter in an operationally-representative scenario to verify its performance.

Station Locations

- (1) MOBILE: Mobile Airborne Operations; Rogersville AL, within 0.3 km, centered around NL 34-53-14; WL 87-20-19

Frequency Information

MOBILE: Mobile Airborne Operations; Rogersville AL, within 0.3 km, centered around NL 34-53-14; WL 87-20-19

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5800 MHz	MO	115MFXN	0.005 W (ERP)	2 %

Special Conditions:

- (1) This authorization SUPERSEDES the previously issued authorization with the same call sign and file number:
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.

This authorization effective March 30, 2020 and
will expire 3:00 A.M. EST October 01, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (5) Stop Buzzers: Drew Williams at 256 509 5187 (Primary); John Wade at 256-684-4908 (Secondary)
- (6) NTIA noting the band 5850-5925 MHz, IAW NG 160, the use of the non-Federal mobile service is limited to Dedicated Short Range Communications operating in the Intelligent Transportation System radio service.