

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

EXPERIMENTAL

(Nature of Service)

XC MO

(Class of Station)

WN9XZE

(Call Sign)

0056-EX-ST-2019

(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 support a DARPA Mobile Force Protection contract, for operation of Fortem low weight, low power prototype radar for detection and tracking of small UAS.

Station Locations

- (1) MOBILE: Temporary Fixed Ground Eglin AFB, FL, within 2 km, centered around NL 30-38-55; WL 86-19-30
- (2) MOBILE: Airborne Eglin AFB: Max altitude 500 ft. AGL, within 5 km, centered around NL 30-38-19; WL 86-18-28

Frequency Information

MOBILE: Temporary Fixed Ground Eglin AFB, FL, within 2 km, centered around NL 30-38-55; WL 86-19-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1780-1850 MHz	MO	2M24D1D 4M34D1D 8M98D1D	4 W (ERP)	0.00015 %

This authorization effective March 02, 2019 and
will expire 3:00 A.M. EST June 02, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Airborne Eglin AFB: Max altitude 500 ft. AGL, within 5 km, centered around NL 30-38-19; WL 86-18-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1780-1850 MHz	MO	2M24D1D 4M34D1D 8M98D1D	1.6 W (ERP)	0.00015 %

Special Conditions:

- (1) Dynetics, Inc. may not operate in the 15.4 - 15.7 GHz band which is reserved for Detect and Avoid (DAA) functions only. This STA is requesting a radiolocation function which must be used in a frequency band for that specific purpose.
- (2) Dynetics, Inc. must schedule operations with a Program or Test Engineer POC through the Center Scheduling Enterprise under the Eglin Test Program. Please provide the Eglin test POC prior to start of the first mission joseph.giangrosso.ctr@us.af.mil, 850-882-4416.