

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

EXPERIMENTAL

(Nature of Service)

XC MO

(Class of Station)

WN9XZE

(Call Sign)

0053-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 Yuma Proving Ground, within 2 km, centered around NL 32-55-36; WL 113-45-14
- (2) MOBILE: Airborne Yuma Proving Ground: Max altitude 1000 ft. AGL, within 5 km, centered around NL 32-55-36; WL 113-45-14

Frequency Information

MOBILE: Temporary Fixed Ground Yuma Proving Ground, within 2 km, centered around NL 32-55-36; WL 113-45-14

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 Yuma Proving Ground: Max altitude 1000 ft. AGL, within 5 km, centered around NL 32-55-36; WL 113-45-14

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. This band 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) Any and all intended use on Yuma Proving Ground (YPG) or around the Yuma, AZ area requires prior coordination with the YPG Spectrum Management Officer at 928.328.7144.
- (3) Dynetics Inc. must contact DOD Area Frequency Coordinator at 520-538-6423 prior to operations.