

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

EXPERIMENTAL

(Nature of Service)

WM9XNP

(Call Sign)

XC MO

(Class of Station)

0004-EX-ST-2018

(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:**

Conduct ground-based transmissions as part of the testing of the wireless two-way data link for the Gremlins Air Vehicle prototype UAS.

**Station Locations**

- (1) MOBILE: Temporary Fixed Ground Operations Huntsville, AL, within 2.42 km, centered around NL 34-44-10; WL 86-40-58
- (2) MOBILE: Temporary Fixed Ground Operations Mesa, AZ, within 2.42 km, centered around NL 33-18-15; WL 111-39-31

**Frequency Information**

MOBILE: Temporary Fixed Ground Operations Huntsville, AL, within 2.42 km, centered around NL 34-44-10; WL 86-40-58

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 1800-1850 MHz | MO            | 3M50D2D<br>7M00D2D  | 320 W (ERP)      | 0.5 %                     |

This authorization effective March 27, 2018 and  
will expire 3:00 A.M. EST September 27, 2018

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

MOBILE: Temporary Fixed Ground Operations Mesa, AZ, within 2.42 km, centered around NL 33-18-15; WL 111-39-31

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 1800-1850 MHz | MO            | 3M50D2D             | 320 W (ERP)      | 0.5 %                     |
|               |               | 7M00D2D             |                  |                           |

## Special Conditions:

- (1) Dynetics, Inc. must coordinate with the Western Area Frequency Coordinator (WAFC), Mr. J. Heaton at 760-939-6948 or Jamie.heaton@navy.mil prior to operating at the Mesa, AZ location.