

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

EXPERIMENTAL

(Nature of Service)

WL9XJI

(Call Sign)

XC MO

(Class of Station)

1366-EX-ST-2017

(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:

Testing the Fortem low weight, low power prototype radars for detection and tracking of small UAS under a DARPA contract.

Station Locations

- (1) MOBILE: Temporary Fixed Ground Operations Huntsville AL, within 0.81 km, centered around NL 34-44-12; WL 86-41-23
- (2) MOBILE: Huntsville, AL: max altitude 400 ft. AGL, within 0.81 km, centered around NL 34-44-12; WL 86-41-23
- (3) MOBILE: Temporary Fixed Ground Operations Harvest AL, within 1.61 km, centered around NL 34-51-53; WL 86-46-13
- (4) MOBILE: Harvest, AL: max altitude 400 ft. AGL, within 1.61 km, centered around NL 34-51-53; WL 86-46-13
- (5) MOBILE: Temporary Fixed Ground Operations Hurtsboro AL, within 16.09 km, centered around NL 32-13-17; WL 85-28-18
- (6) MOBILE: Hurtsboro, AL: max altitude 400 ft. AGL, within 16.09 km, centered around NL 32-13-17; WL 85-28-18

This authorization effective November 27, 2017 and
will expire 3:00 A.M. EST May 27, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Temporary Fixed Ground Operations Huntsville AL, within 0.81 km, centered around NL 34-44-12; WL 86-41-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15.4-15.7 GHz	MO	300MF0N	6 W (ERP)	0.000094 %

MOBILE: Huntsville, AL: max altitude 400 ft. AGL, within 0.81 km, centered around NL 34-44-12; WL 86-41-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15.4-15.7 GHz	MO	300MF0N	6 W (ERP)	0.000094 %

MOBILE: Temporary Fixed Ground Operations Harvest AL, within 1.61 km, centered around NL 34-51-53; WL 86-46-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15.4-15.7 GHz	MO	300MF0N	6 W (ERP)	0.000094 %

MOBILE: Harvest, AL: max altitude 400 ft. AGL, within 1.61 km, centered around NL 34-51-53; WL 86-46-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15.4-15.7 GHz	MO	300MF0N	6 W (ERP)	0.000094 %

Frequency Information

MOBILE: Temporary Fixed Ground Operations Hurtsboro AL, within 16.09 km, centered around NL 32-13-17; WL 85-28-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15.4-15.7 GHz	MO	300MF0N	6 W (ERP)	0.000094 %

MOBILE: Hurtsboro, AL: max altitude 400 ft. AGL, within 16.09 km, centered around NL 32-13-17; WL 85-28-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15.4-15.7 GHz	MO	300MF0N	6 W (ERP)	0.000094 %