

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

EXPERIMENTAL

(Nature of Service)

WM9XCO

(Call Sign)

XC MO

(Class of Station)

1484-EX-ST-2017

(File Number)

NAME Georgia Institute of Technology

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:

The purpose of these emissions is for radiolocation of aircraft.

Station Locations

(1) MOBILE: Smyrna, GA, within 0.75 km, centered around NL 33-54-42; WL 84-31-35

Frequency Information

MOBILE: Smyrna, GA, within 0.75 km, centered around NL 33-54-42; WL 84-31-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
400-406 MHz	MO	6M00D7W	6.34 W (ERP)	0.00005 %
420-450 MHz	MO	20M0D7W	6.34 W (ERP)	0.00005 %
3.3-3.4 GHz	MO	20M0M2N	65000 W (ERP)	0.00001 %

This authorization effective December 08, 2017 and
will expire 3:00 A.M. EST June 06, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) NTIA objects to the use of the 406 - 420 MHz band due to extremely high potential for interference with multiple Federal users in the area requested.