

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

EXPERIMENTAL

(Nature of Service)

WH9XRM

(Call Sign)

XT MO

(Class of Station)

0642-EX-ST-2014

(File Number)

NAME AeroVironment, 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:

UAV demonstration

Station Locations

- (1) MOBILE: Ground Based Locations within 5 km of center, Fort Benning, GA, within 5 km, centered around NL 32-20-56; WL 84-50-07
- (2) MOBILE: Airborne UAV operations 5 km of center 76.2m AGL, Fort Benning, GA, within 5 km, centered around NL 32-20-56; WL 84-50-07

Frequency Information

MOBILE: Ground Based Locations within 5 km of center, Fort Benning, GA, within 5 km, centered around NL 32-20-56; WL 84-50-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2380 MHz	MO	4M68G7W 1M56G7W	1 W (ERP)	0.00012 %
2415 MHz	MO	4M68G7W 1M56G7W	1 W (ERP)	0.00012 %

This authorization effective September 01, 2014 and
will expire 3:00 A.M. EST November 01, 2014

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Ground Based Locations within 5 km of center, Fort Benning, GA, within 5 km, centered around NL 32-20-56; WL 84-50-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2455 MHz	MO	4M68G7W 1M56G7W	1 W (ERP)	0.00012 %

MOBILE: Airborne UAV operations 5 km of center 76.2m AGL, Fort Benning, GA, within 5 km, centered around NL 32-20-56; WL 84-50-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2380 MHz	MO	4M68G7W 1M56G7W	1 W (ERP)	0.00012 %
2415 MHz	MO	4M68G7W 1M56G7W	1 W (ERP)	0.00012 %
2455 MHz	MO	4M68G7W 1M56G7W	1 W (ERP)	0.00012 %

Special Conditions:

- (1) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9102 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir@sbe.org; information, www.sbe.org.
- (2) The use of 2415 and 2455 MHz are for demonstration purposes only and will not be used for development of military systems in the U.S. (CONUS)