

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

EXPERIMENTAL

(Nature of Service)

WI9XZL

(Call Sign)

XT MO

(Class of Station)

0923-EX-ST-2015

(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:

AeroVironment SUAS technology provides real-time direct situational awareness. The systems communications platform features air vehicles (AVs), a ground control unit and support

Station Locations

- (1) MOBILE: Airborne UAV operations 30 km of center 305 m AGL, within 30 km, centered around NL 34-54-29; WL 117-53-07

Frequency Information

MOBILE: Airborne UAV operations 30 km of center 305 m AGL, within 30 km, centered around NL 34-54-29; WL 117-53-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1377.5 MHz	MO	14M8F9W	1.5 W (ERP)	0.0003 %

Special Conditions:

- (1) AeroVironment must coordinate with the Western Area Frequency Coordinator(WAFC), Mr. J. Heaton at (760) 939-6948 prior to any operations to mitigate harmful interference to Navy and Marine Corps assignments. AeroVironment, Inc. must also comply with any and all restrictions that may be levied by WAFC.

This authorization effective September 10, 2015 and
will expire 3:00 A.M. EST October 10, 2015

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (2) Licensee shall coordinate with the Owens Valley Radio Observatory, Dr. James Lamb, 760-938-2075 X101, lamb@ovro.caltech.edu
- (3) UAS must operate only in restricted air space.