

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WI2XNF

(Call Sign)

0028-EX-CN-2016

(File Number)

NAME AeroVironment, Inc.

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(j) of the Commission's Rules

Station Locations

- (1) MOBILE: Ground Based Locations within 12km of center, within 12 km, centered around NL 34-19-23; WL 118-51-35
- (2) MOBILE: Airborne UAV operations 12 km of center 152 m AGL, within 12 km, centered around NL 34-19-23; WL 118-51-35

Frequency Information

MOBILE: Ground Based Locations within 12km of center, within 12 km, centered around NL 34-19-23; WL 118-51-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2380-2385 MHz	MO	1M56G7W 4M68G7W	10 W (ERP)	0.00012 %

MOBILE: Airborne UAV operations 12 km of center 152 m AGL, within 12 km, centered around NL 34-19-23; WL 118-51-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2380-2385 MHz	MO	4M68G3W	10 W (ERP)	0.00012 %

This authorization effective September 06, 2016 and
will expire 3:00 A.M. EST September 01, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Airborne UAV operations 12 km of center 152 m AGL, within 12 km, centered around NL 34-19-23; WL 118-51-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2380-2385 MHz	MO	1M56G7W	10 W (ERP)	0.00012 %

Special Conditions:

- (1) Licensee must prior coordinate with DoD Western Area Frequency Coordinator office a minimum of 5 working days prior to testing at (760) 939-6832 or via email at
- (2) Andy Thurling shall be available by telephone at 805.581.2198, extension 1892 or mobile phone 805.368.6351, to act as a stop buzzer if any matters involving interference arise during the testing