

**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)

0180-EX-CR-2020

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

Frequency Information

MOBILE: Simi Valley, CA: Ground Based Locations, 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<br>4M68G7W  | 10 W (ERP)       | 0.00012 %                 |

MOBILE: Simi Valley, CA: Airborne UAV operations 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 July 01, 2020 and  
will expire 3:00 A.M. EST July 01, 2022

**FEDERAL  
COMMUNICATIONS  
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## Frequency Information

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|---------------|---------------|---------------------|------------------|---------------------------|
| 2380-2385 MHz | MO            | 1M56G7W             | 10 W (ERP)       | 0.00012 %                 |

## Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (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.
- (3) Licensee must prior coordinate with DoD Western Area Frequency Coordinator office a minimum of 5 days prior to testing at (760-939-6832) or via email at Jamie.Heaton@navy.mil