

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WL2XGB

(Call Sign)

0758-EX-CN-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: Laboratory Tests, within 1 km, centered around NL 34-16-58; WL 118-46-45
- (2) MOBILE: Laboratory Tests, within 1 km, centered around NL 34-17-13; WL 118-52-09

Frequency Information

MOBILE: Laboratory Tests, within 1 km, centered around NL 34-16-58; WL 118-46-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5140-5150 MHz	MO	3M90G1D	2 W (ERP)	2 %

MOBILE: Laboratory Tests, within 1 km, centered around NL 34-17-13; WL 118-52-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5140-5150 MHz	MO	3M90G1D	2 W (ERP)	2 %

Special Conditions:

- (1) The occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

This authorization effective November 23, 2020 and
will expire 3:00 A.M. EST November 10, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (2) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (3) THIS IS FOR A SHORT-TERM, PROOF OF CONCEPT OPERATIONS ONLY FOR FLIGHT TEST TELEMETRY. OPERATION SHALL BE LIMITED TO 5140-5150 MHZ AND LABORATORY PURPOSES. IT SHALL NOT BE USED FOR OPERATIONAL PURPOSES OR COMMERCIAL APPLICATIONS. THE FAA CONSIDERS THIS PROPOSAL TO BE A TEMPORARY WORKAROUND SINCE THE POWER LEVELS DO NOT MEET RESOLUTION 418, AND ANY LONG-TERM RENEWALS ARE EXPECTED TO MEET THE REQUIREMENTS. FAILURE TO MEET RESOLUTION 418 WILL RESULT IN NON-CONCURRENCE OF FUTURE RENEWALS. AMT OPERATIONS ARE NON-INTERFERENCE BASIS TO AERONAUTICAL FIXED AND SATELLITE OPERATIONS.
- (4) STOP BUZZER POC FOR THIS EFFORT IS BART DECKER.
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