

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

EXPERIMENTAL

(Nature of Service)

WL2XBU

(Call Sign)

XT MO

(Class of Station)

0001-EX-CM-2021

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

Frequency Information

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
454.675-454.975 MHz	MO	25K0F1B	10 W (ERP)	0.0005 %
459.675-459.975 MHz	MO	25K0F1B 25K0F1B	10 W (ERP)	0.0005 %

This authorization effective February 19, 2021 and
will expire 3:00 A.M. EST July 01, 2022

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		25K0F1B		
		25K0F1B		

Special Conditions:

- (1) The occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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) Prior to commencing any operations in the frequencies below, the applicant must obtain consent from the following within 50 miles of the contours of the testing area:
 - > Mobile Service licensees in 454 MHz/459 MHz
 - > General Aviation Air-Ground Service in 454 MHz/459 MHz