

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WK2XUQ

(Call Sign)

0082-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(c & j) of the Commission's Rules

Station Locations

- (1) MOBILE: Ground Based Operations within 3.3 km of center, within 3.3 km, centered around NL 38-42-35; WL 78-07-53
- (2) MOBILE: UAV Operations, 3.3 km center, 152.4 m altitude, within 3.3 km, centered around NL 38-42-35; WL 78-07-52

Frequency Information

MOBILE: Ground Based Operations within 3.3 km of center, within 3.3 km, centered around NL 38-42-35; WL 78-07-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2085.5-2097.5 MHz	MO	4M68G7W	15.85 W (ERP)	0.00012 %
2097.5-2109.5 MHz	MO	4M68G7W	15.85 W (ERP)	0.00012 %

This authorization effective April 29, 2020 and
will expire 3:00 A.M. EST July 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: UAV Operations, 3.3 km center, 152.4 m altitude, within 3.3 km, centered around NL 38-42-35; WL 78-07-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2085.5-2097.5 MHz	MO	1M56G7W	3.89 W (ERP)	0.00012 %
2097.5-2109.5 MHz	MO	1M56G7W	3.89 W (ERP)	0.00012 %

Special Conditions:

- (1) 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.
- (2) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at https://www.sbe.org/sections/freq_local.php to find the appropriate coordinator.
- (3) The occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) Applicant must coordinate with the local Society of Broadcast Engineers frequency coordinator to protect the Broadcast Auxiliary Service operations prior to any operation.
- (5) OPERATION ON THIS ASSIGNMENT IS SUBJECT TO IMMEDIATE CESSATION, IF IT CAUSES HARMFUL INTERFERENCE TO NASA OPERATIONS.
- (6) STOP BUZZER POC IS BART DECKER 805-391-1335