

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

EXPERIMENTAL

(Nature of Service)

WL2XSF

(Call Sign)

XT FX

(Class of Station)

0358-EX-CN-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) Simi Valley (VENTURA), CA - NL 34-16-58; WL 118-46-45
- (2) Moorpark (VENTURA), CA - NL 34-17-13; WL 118-52-09

Frequency Information

Simi Valley (VENTURA), CA - NL 34-16-58; WL 118-46-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5040.8825 MHz	FX	85K0G2D	5 W (ERP)	0.0005 %

Moorpark (VENTURA), CA - NL 34-17-13; WL 118-52-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5040.8825 MHz	FX	85K0G2D	5 W (ERP)	0.0005 %

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

This authorization effective July 08, 2021 and
will expire 3:00 A.M. EST October 18, 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) One record each for ground and airborne stations for single frequency duplex operation. Frequency limited to 85 kHz per RTCA phase one UAS C2 channelization. Frequency selection is limited to this location and not to be construed for either nationwide usage or possession by the proponent. FAA concurrence is based upon the understanding that the radio is a prototype and not the final approved version. Due to military operations in the area within the UAS C2 frequency band, deconfliction with the Western Area Frequency Coordinator approval is required. WAFC contact info: (760) 939-6948 or 6832.
- (4) Stop Buzzer: Bart Decker at (805) 391-1335
- (5) This frequency assignment was coordinated with the FAA Headquarters, 800 Independence Avenue, S.W., Washington, D.C. 20591. Phone: 202-267-8699 prior to submission to NTIA or Federal Communications Commission. Use of the frequency or band under the authority of this assignment is subject to further coordination with the FAA and possible modification if found necessary to ensure compatibility between all users.