

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

EXPERIMENTAL

(Nature of Service)

WK2XVS

(Call Sign)

XT FX MO

(Class of Station)

0102-EX-CN-2020

(File Number)

NAME Aurora Flight Sciences

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) Salisbury (WICOMICO), MD - NL 38-20-25; WL 75-31-05
- (2) MOBILE: Airborne Ops max 8000 ft MSL over Chesapeake Bay, within 75 km, centered around NL 38-00-00; WL 76-00-00

Frequency Information

Salisbury (WICOMICO), MD - NL 38-20-25; WL 75-31-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4746 MHz	FX	6M87G7D 13M2G1D	2000 W (ERP)	
4771 MHz	FX	6M87G7D 13M2G1D	2000 W (ERP)	

This authorization effective March 25, 2020 and
will expire 3:00 A.M. EST April 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Airborne Ops max 8000 ft MSL over Chesapeake Bay, within 75 km, centered around NL 38-00-00; WL 76-00-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4421 MHz	MO	6M87G7D 13M2G1D	13 W (ERP)	
4515 MHz	MO	6M87G7D 13M2G1D	13 W (ERP)	

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