

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

EXPERIMENTAL
(Nature of Service)

XT MO
(Class of Station)

WM2XSX
(Call Sign)

0378-EX-CR-2026
(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) MOBILE: Air Ops 400ft MSL, within 0.5 km, centered around NL 42-37-22; WL 71-12-41
- (2) MOBILE: Air Ops 400ft MSL, within 1 km, centered around NL 41-57-15; WL 70-56-57

Frequency Information

MOBILE: Air Ops 400ft MSL, within 0.5 km, centered around NL 42-37-22; WL 71-12-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15.4-15.7 GHz	MO	300MQXN	22.6 W (ERP)	
15.55 GHz	MO	300MQXN	22.6 W (ERP)	
24.4675-24.6325 GHz	MO	165MF3N	242 W (ERP)	
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This authorization effective August 01, 2026 and
will expire 3:00 A.M. ET August 01, 2028

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Frequency Information

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Special Conditions:

- (1) In lieu of frequency tolerance, 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) Stop Buzzer POC:
Daniel Bindbeutel 703-530-1954 x1954
Daniel McNeil 714-642-7485
- (4) During transmission, aircraft shall not exceed the altitude 400 FT MSL.