

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WI2XAI

(Call Sign)

0508-EX-CR-2017

(File Number)

NAME General Atomics Aeronautical Systems

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: Grand Forks, North Dakota: airborne max altitude 30,000 ft, within 325 km, centered around NL 47-56-19; WL 97-24-30

Frequency Information

MOBILE: Grand Forks, North Dakota: airborne max altitude 30,000 ft, within 325 km, centered around NL 47-56-19; WL 97-24-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16.25-18.24 GHz	MO	1G88Q3N	403 kW (ERP)	0.0005 %
16.4025-16.9975 GHz	MO	295MQ3N	403 kW (ERP)	0.0005 %
16.52-17.636 GHz	MO	636MQ3N	403 kW (ERP)	0.0005 %

Special Conditions:

- (1) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at http://freq.sbe.org/pdf_files/coordinators.pdf to find the appropriate coordinator.

This authorization effective January 01, 2018 and
will expire 3:00 A.M. EST January 01, 2021

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COMMUNICATIONS
COMMISSION**



Special Conditions:

- (2) The occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.