

**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)

0632-EX-PL-2015

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

This authorization effective January 04, 2016 and  
will expire 3:00 A.M. EST January 01, 2018

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



**Special Conditions:**

- (3) 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](http://freq.sbe.org/pdf_files/coordinators.pdf) to find the appropriate coordinator.