

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

EXPERIMENTAL

(Nature of Service)

XC FX MO

(Class of Station)

WD2XGX

(Call Sign)

0264-EX-PL-2003

(File Number)

NAME General Atomics Aeronautical Systems, 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(b) of the Commission's Rules

Station Locations

- (1) Gila Bend (MARICOPA), AZ - NL 32-53-25; WL 112-43-20; MOBILE: Gila Bend (MARICOPA), AZ, within 200 km, centered around NL 32-53-25; WL 112-43-20

Frequency Information

Gila Bend (MARICOPA), AZ - NL 32-53-25; WL 112-43-20; MOBILE: Gila Bend (MARICOPA), AZ, within 200 km, centered a

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5300 MHz	FX	20M0F9W	631 W (ERP)	0.005 %
5300 MHz	MO	20M0F9W	631 W (ERP)	0.005 %
5350 MHz	FX	20M0F9W	631 W (ERP)	0.005 %
5350 MHz	MO	20M0F9W	631 W (ERP)	0.005 %
5800 MHz	FX	1M00F9W	20 kW (ERP)	0.005 %
5800 MHz	MO	1M00F9W	20 kW (ERP)	0.005 %
5850 MHz	FX	1M00F9W	20 kW (ERP)	0.005 %
5850 MHz	MO	1M00F9W	20 kW (ERP)	0.005 %

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (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.

This authorization effective June 01, 2004 and
will expire 3:00 A.M. EST June 01, 2006

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Special Conditions:

- (3) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by the U.S. Navy contract number N68335-00-D-0396-0004. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.
- (4) Licensee should request cancellation of this license upon completion of demonstrations if that occurs prior to June 1, 2006.