

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WG9XZL

(Call Sign)

XT MO

(Class of Station)

0769-EX-ST-2013

(File Number)

NAME General Atomics Aeronautical Systems

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

Flight testing of the developmental payload system for GA-ASI aircraft.

Station Locations

- (1) MOBILE: Montgomery Field, within 0.25 km, centered around NL 32-48-50; WL 117-08-34
- (2) MOBILE: Borrego Springs, within 40 km, centered around NL 33-17-15; WL 116-16-03
- (3) MOBILE: Salton City, within 40 km, centered around NL 33-18-00; WL 115-56-00
- (4) MOBILE: MOAs Kane/Abel, within 50 km, centered around NL 33-34-43; WL 115-27-20

Frequency Information

MOBILE: Montgomery Field, within 0.25 km, centered around NL 32-48-50; WL 117-08-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
225-450 MHz	MO	1M20G1D	51 W (ERP)	0.00015 %
225-450 MHz	MO	1M20G1D	51 W (ERP)	0.00005 %

This authorization effective September 19, 2013 and
will expire 3:00 A.M. EST March 01, 2014

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Montgomery Field, within 0.25 km, centered around NL 32-48-50; WL 117-08-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1358.16-1469.83 MHz	MO	14M6G1D	50 W (ERP)	0.001 %

MOBILE: Borrego Springs, within 40 km, centered around NL 33-17-15; WL 116-16-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
225-450 MHz	MO	1M20G1D	51 W (ERP)	0.00015 %
225-450 MHz	MO	1M20G1D	51 W (ERP)	0.00005 %
1358.16-1469.83 MHz	MO	14M6G1D	50 W (ERP)	0.001 %

MOBILE: Salton City, within 40 km, centered around NL 33-18-00; WL 115-56-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
225-450 MHz	MO	1M20G1D	51 W (ERP)	0.00015 %
225-450 MHz	MO	1M20G1D	51 W (ERP)	0.00005 %
1358.16-1469.83 MHz	MO	14M6G1D	50 W (ERP)	0.001 %

Frequency Information

MOBILE: MOAs Kane/Abel, within 50 km, centered around NL 33-34-43; WL 115-27-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
225-450 MHz	MO	1M20G1D	51 W (ERP)	0.00015 %
225-450 MHz	MO	1M20G1D	51 W (ERP)	0.00005 %
1358.16-1469.83 MHz	MO	14M6G1D	50 W (ERP)	0.001 %

Special Conditions:

- (1) The stop buzzer Sheri Delaware at 858-762-6993 must be available during all phases of the testing.
- (2) General Atomics must notch out the following:
 - a. 237.5 MHz
 - b. 243 MHz
 - c. 326.15 MHz
 - d. 328.6 MHz thru 335.4 MHz
 - e. 345 MHz
 - f. 379.05 MHz
 - g. 1358.16 MHz thru 1370 MHz
 - h. 1400 MHz thru 1427 MHz
- (3) General Atomics must be made aware that the use of the 225 MHz thru 399.9 MHz and 1370 MHz thru 1390 MHz bands must be for future federal agency users.