

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WJ9XSC

(Call Sign)

0270-EX-ST-2016

(File Number)

NAME General Atomics Aeronautical

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:

Collection of data that is useful for designing radars in the VHF-UHF band.

Station Locations

(1) Borrego Springs (SAN DIEGO), CA - NL 33-12-47; WL 116-25-25

Frequency Information

Borrego Springs (SAN DIEGO), CA - NL 33-12-47; WL 116-25-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
286-321 MHz	FX	35M0Q3N	40 W (ERP)	0.0005 %
336-399 MHz	FX	63M0Q3N	40 W (ERP)	0.0005 %
411-450 MHz	FX	39M0Q3N	40 W (ERP)	0.0005 %

This authorization effective April 15, 2016 and
will expire 3:00 A.M. EST October 15, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



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.
- (2) The following frequencies must be notched +/- 6.25 kHz to protect Department of Agriculture operations:
M415.225 M415.525 M416.55 M418.3875
- (3) The following frequencies must be notched to protect Department of Justice operations:

+/- 6.25 KHz

M408.0125 M417.0125

+/- 8 KHz

M418.825	M418.625	M418.75	M418.675
M418.975			
M419.2	M414.525	M414.6	M414
M419.525			
M415.6	M413.975	M417.025	M419.3
M416.05			
M419.2	M418.675	M418.975	M419.225
M418.675			
M418.75	M416.05	M419.45	M414.1
M418.625			
M416.05			

- (4) General Atomics Aeronautical must coordinate with the Western Area Frequency Coordinator (WAFC), Mr. J. Heaton at (760) 939-6948 (Jamie.heaton@navy.mil) prior to the Villa Park, California operation to mitigate harmful interference to Navy assignments listed below. Atomics Aeronautical must also comply with any and all restrictions that may be levied by WAFC.
- (5) Due to the wide emission bandwidth (35 to 63 MHz), NTIA objects to the use of the 225 to 400 MHz band. Maximum emission bandwidth in this band is 2.4 MHz in specific segments. Development of equipment will not be supported with emission bandwidth greater than 2.4 MHz.
- (6) The following frequencies must be notched to prevent interference to Coast Guard operations.

For Air/Ground/Air Communications

M345.0000 M379.0500

For Ground Communications

M412.9750 M413.0000 M413.0250

Special Conditions:

- (7) Prior to the start of operations, General Atomics Aeronautical must provide the ARMY a test plan listing test dates and times. Army POC is:
- Lori Poppenhager
Army Spectrum Management Office
Fort Meade, MD
Email: lori.a.poppenhager.civ@mail.mil
Phone: 301-225-3778
- (8) All operations are to be on a strict non-interference basis.