

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

EXPERIMENTAL

(Nature of Service)

WQ9XKM

(Call Sign)

XT MO

(Class of Station)

0608-EX-ST-2020

(File Number)

NAME General Atomics Aeronautical Systems, Inc.

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:

Support of development of experimental unmanned aerial systems and associated payloads.

Station Locations

- (1) MOBILE: Yuma Proving Grounds, AZ: restr. airspace, 2k-30k MSL, within 65 km, centered around NL 33-10-00; WL 114-05-00

Frequency Information

MOBILE: Yuma Proving Grounds, AZ: restr. airspace, 2k-30k MSL, within 65 km, centered around NL 33-10-00; WL 114-05-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16.2-18.24 GHz	MO	295MQ3N	460 kW (ERP)	0.0005 %
		636MQ3N		
		1G56Q3N		
		1G88Q3N		

Special Conditions:

- (1) 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 May 01, 2020 and
will expire 3:00 A.M. EST November 01, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (2) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.
- (3) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at https://www.sbe.org/sections/freq_local.php to find the appropriate coordinator.
- (4) General Atomics Aeronautical Systems, Inc. must adjust the requested band from 15.26 - 18.24 GHz to be 16.2 - 18.24 GHz in order to avoid causing interference to the operations of multiple federal agencies. Operations in the 15.26 - 16.2 GHz band are not authorized.
- (5) General Atomics Aeronautical Systems must schedule and provide an immediate STOP BUZZER for any use of this STA with the YPG SMO (Steven Sparks 928-328-7144) and YPG Range Control 14 days prior to operations.