

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

EXPERIMENTAL

(Nature of Service)

WQ9XKF

(Call Sign)

XT MO

(Class of Station)

0529-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:

R&D for possible use by forward-deployed US Army units.

Station Locations

- (1) MOBILE: Restricted areas 2306/8 A, Yuma Proving Ground, AZ: max alt 10,000 ft MSL, within 25 km, centered around NL 33-08-26; WL 114-11-04

Frequency Information

MOBILE: Restricted areas 2306/8 A, Yuma Proving Ground, AZ: max alt 10,000 ft MSL, within 25 km, centered around NL 33-08-26; WL 114-11-04

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
410-420 MHz	MO	720KG2D	10 kW (ERP)	0.00001 %

Special Conditions:

- (1) General Atomics Aeronautical Systems, Inc. must schedule and coordinate with the YPG SMO and YPG Range Control PRIOR to any and all operations and the use requires a 24/7 CEASE BUZZER contact number is provided to the SMO and Range Control which ensures immediate termination of the spectrum use.
- (2) General Atomics Aeronautical Systems, Inc. shall coordinate all operations with the NASA JSC Spectrum Management Office at JSC-DL-Spectrum-Management@mail.nasa.gov, at last 7 days prior to operation.

This authorization effective June 01, 2020 and
will expire 3:00 A.M. EST December 01, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) General Atomics Aeronautical Systems, Inc. must notch out 400 - 410 MHz to protect the Radio Astronomy band as well as Radiosonde operations.
- (4) General Atomics Aeronautical Systems, Inc. must notch out the following:
 - a. (+/- 12.5 kHz) 410.300 MHz, 413.1125 MHz, 413.6 MHz, 413.9 MHz, 414.625 MHz, 415.025 MHz, 415.9 MHz, 416.375 MHz