

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

EXPERIMENTAL

(Nature of Service)

WQ9XKF

(Call Sign)

XT MO

(Class of Station)

1553-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 coordinate all UAS flights in Yuma Proving Ground (YPG) Restricted Airspace with the YPG Spectrum Management Office at least 14 days in advance via phone at 928.328.7144. Be advised, due to potential harmful interference to YPG communications use of this band is not ensured for any time period.

This authorization effective December 01, 2020 and
will expire 3:00 A.M. EST May 01, 2021

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COMMUNICATIONS
COMMISSION**



Special Conditions:

- (2) General Atomics Aeronautical Systems, Inc. must notch out the following frequencies:
 - a. 407.3125 MHz (+/- 12.5 kHz)
 - b. 408.4375 MHz (+/- 5.5 kHz)
 - c. 410.9250 MHz (+/- 12.5 kHz)
 - d. 412.3750 MHz (+/- 12.5 kHz)
 - e. 415.0250 MHz (+/- 12.5 kHz)
 - f. 416.3125 MHz (+/- 12.5 kHz)
 - g. 416.375 MHz (+/- 12.5 kHz)
 - h. 417.4375 MHz (+/- 5.5 kHz)
 - i. 419.9250 MHz (+/- 12.5 kHz)
- (3) General Atomics Aeronautical Systems, Inc. shall have no expectations that future requests for operational use of this frequency band will be approved, and General Atomics Aeronautical Systems, Inc. should ensure that any future operational use of this equipment be conducted in appropriately allocated frequency bands.
- (4) General Atomics Aeronautical Systems, Inc. shall be aware that operational use of the 410-420 MHz frequency band by the military services shall comply with the provisions specified in the channeling plans of NTIA Manual 4.3.9, including narrowband, non-tactical operations, in accordance with Footnote G5.
- (5) General Atomics Aeronautical Systems, Inc. shall be aware that aeronautical mobile operations in the 410-420 MHz frequency band are prohibited in all ITU Regions, in accordance with the ITU Table of Frequency Allocations contained in Article 5 of the ITU Radio Regulations.