

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

EXPERIMENTAL

(Nature of Service)

WE2XUV

(Call Sign)

XT MO

(Class of Station)

0652-EX-ST-2008

(File Number)

NAME General Dynamics Armament and Technical Products, 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:

Development of next generation unmanned aerial surveillance technologies.

Station Locations

- (1) MOBILE: Temporary Fixed Locations (Ground) within 5 km of Specified Centerpoint Coordinates (Shaw AFB - Sumter, SC), within 5 km, centered around NL 33-49-29; WL 80-28-07
- (2) MOBILE: Sumter, SC - Shaw AFB: airborne up to 13,000 ft w/i 8 km radius of specified centerpoint coordinates, within 8 km, centered around NL 33-49-29; WL 80-28-07

Frequency Information

MOBILE: Temporary Fixed Locations (Ground) within 5 km of Specified Centerpoint Coordinates (Shaw AFB - Sumter, SC), within 5 km, centered around NL 33-49-29; WL 80-28-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
421-467 MHz	MO	40K0F1D	1.26 W (ERP)	0.001 %
2362 MHz	MO	4M00M8D	250 mW (ERP)	0.0003 %

This authorization effective January 31, 2009 and
will expire 3:00 A.M. EST July 31, 2009

**FEDERAL
COMMUNICATIONS
COMMISSION**



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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2366 MHz	MO	4M00M8D	250 mW (ERP)	0.0003 %
2370 MHz	MO	4M00M8D	250 mW (ERP)	0.0003 %
2374 MHz	MO	4M00M8D	250 mW (ERP)	0.0003 %
2378 MHz	MO	4M00M8D	250 mW (ERP)	0.0003 %
2382 MHz	MO	4M00M8D	250 mW (ERP)	0.0003 %
2386 MHz	MO	4M00M8D	250 mW (ERP)	0.0003 %
2390 MHz	MO	4M00M8D	250 mW (ERP)	0.0003 %
4860-4954 MHz	MO	4M00G1W	1.58 W (ERP)	0.0003 %

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2382 MHz	MO	4M00M8D	250 mW (ERP)	0.0003 %
2386 MHz	MO	4M00M8D	250 mW (ERP)	0.0003 %
2390 MHz	MO	4M00M8D	250 mW (ERP)	0.0003 %
4860-4954 MHz	MO	4M00G1W	1.778 W (ERP)	0.0003 %

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.
- (2) Mr. Richard Scheps shall be available by phone at (802) 657-6082 to act as a "stop buzzer" to address any issues of interference during testing.
- (3) Use of this spectrum will be for limited and sporadic operation during the authorized time frame.
- (4) Operation is subject to prior coordination with the local Society of Broadcasting Engineers, Inc.

Special Conditions:

- (5) The equipment will not be for permanent use within the United States.