

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

EXPERIMENTAL

(Nature of Service)

WE9XGD

(Call Sign)

XT FX MO

(Class of Station)

0606-EX-ST-2009

(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 and testing of state-of-the-art unmanned aerial surveillance technologies in support of DoD activities.

Station Locations

- (1) Temporary FX within 5 km, New London, NC - NL 35-24-59; WL 80-09-16
- (2) MOBILE: Airborne (UAV) operations near Stanly County Airport, NC, North Carolina National Guard facility, within 8 km, centered around NL 35-24-59; WL 80-09-16
- (3) MOBILE: Airborne (UAV) operations near Stanly County Airport, NC, North Carolina National Guard facility, within 20 km, centered around NL 35-24-59; WL 80-09-16

Frequency Information

Temporary FX within 5 km, New London, NC - NL 35-24-59; WL 80-09-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2362 MHz	FX	4M00M8D	7.64 W (ERP)	0.0003 %
2366 MHz	FX	4M00M8D	7.64 W (ERP)	0.0003 %

This authorization effective March 01, 2010 and
will expire 3:00 A.M. EST September 01, 2010

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Temporary FX within 5 km, New London, NC - NL 35-24-59; WL 80-09-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2370 MHz	FX	4M00M8D	7.64 W (ERP)	0.0003 %
2374 MHz	FX	4M00M8D	7.64 W (ERP)	0.0003 %
2378 MHz	FX	4M00M8D	7.64 W (ERP)	0.0003 %
2382 MHz	FX	4M00M8D	7.64 W (ERP)	0.0003 %
2386 MHz	FX	4M00M8D	7.64 W (ERP)	0.0003 %
2390 MHz	FX	4M00M8D	7.64 W (ERP)	0.0003 %
15.1365-15.35 GHz	FX	67M1G1D	153472.3 W (ERP)	0.00001 %

MOBILE: Airborne (UAV) operations near Stanly County Airport, NC, North Carolina National Guard facility, within 8 km, centered around NL 35-24-59; WL 80-09-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2362 MHz	MO	4M00M8D	0.19 W (ERP)	0.0003 %
2366 MHz	MO	4M00M8D	0.19 W (ERP)	0.0003 %

Frequency Information

MOBILE: Airborne (UAV) operations near Stanly County Airport, NC, North Carolina National Guard facility, within 8 km, centered around NL 35-24-59; WL 80-09-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2370 MHz	MO	4M00M8D	0.19 W (ERP)	0.0003 %
2374 MHz	MO	4M00M8D	0.19 W (ERP)	0.0003 %
2378 MHz	MO	4M00M8D	0.19 W (ERP)	0.0003 %
2382 MHz	MO	4M00M8D	0.19 W (ERP)	0.0003 %
2386 MHz	MO	4M00M8D	0.19 W (ERP)	0.0003 %
2390 MHz	MO	4M00M8D	0.19 W (ERP)	0.0003 %

MOBILE: Airborne (UAV) operations near Stanly County Airport, NC, North Carolina National Guard facility, within 20 km, centered around NL 35-24-59; WL 80-09-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14.7145-15.1365 GHz	MO	67M1G1D	24.32 W (ERP)	0.00001 %

Special Conditions:

- (1) This frequency assignment in one of the bands 1435-1535 or 2310-2390 MHz was coordinated prior to authorization with the Mid-Atlantic Area Frequency Coordinator (AFC), Patuxent River, MD, who also coordinated it, as appropriate, with the Aerospace and Flight Test Radio Coordinating Council. Use of this frequency under the authority of this assignment is subject to such further coordination with the AFC as necessary to ensure compatibility with existing uses.

Special Conditions:

- (2) Operations must be coordinated and scheduled with NAVAIRWARCENACDIV Patuxent River, MD with the Regional Telemetry Coordinator; Mr. Joe White, comm 301-342-1542 at the Atlantic Test Range, joseph.white@navy.mil.