

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

EXPERIMENTAL

(Nature of Service)

XC FX

(Class of Station)

WC9XVM

(Call Sign)

0027-EX-ST-2007

(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, manufacture, characterization, and acceptance testing of F-18 and AV-8B aircraft radomes.

Station Locations

(1) Marion (SMYTH), VA - NL 36-50-04; WL 81-30-24

Frequency Information

Marion (SMYTH), VA - NL 36-50-04; WL 81-30-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6-8 GHz	FX	N0N	1800 W (ERP)	
8-8.065 GHz	FX	N0N	1800 W (ERP)	
8.145-8.19 GHz	FX	N0N	1800 W (ERP)	

This authorization effective February 20, 2007 and
will expire 3:00 A.M. EST August 20, 2007

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Marion (SMYTH), VA - NL 36-50-04; WL 81-30-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
8.27-8.31 GHz	FX	N0N	1800 W (ERP)	
8.39-10.6 GHz	FX	N0N	1800 W (ERP)	
10.7-14.47 GHz	FX	N0N	1800 W (ERP)	
14.5-15.35 GHz	FX	N0N	1800 W (ERP)	
15.4-18 GHz	FX	N0N	1800 W (ERP)	

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by US Navy contract numbers N00383-02-G-001H, N00019-03-C-0054, subcontract number S50254 and N00383-05-G-003H, subcontract number 118143. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contracts designated in the related application and enumerated above.
- (3) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference in the following bands: 6425-6875 MHz, 10.55-10.6 GHz, 10.7-11.7 GHz, 12.2-12.75 GHz and 17.7-18.3 GHz.
- (4) Operation in the following bands is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9247 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir@sbe.org; information, www.sbe.org: 6425-6525 MHz, 6875-7125 MHz, 12.7-12.75 GHz and 17.7-18.3 GHz.