

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

EXPERIMENTAL

(Nature of Service)

WD9XSM

(Call Sign)

XD FX MO

(Class of Station)

0345-EX-ST-2009

(File Number)

NAME Northrop Grumman Systems Corporation

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:

Testing an Enerdyne Enerlinks II Datalink as part of a project to develop systems for the U.S. military and other government national security customers.

Station Locations

- (1) Melbourne (BREVARD), FL - NL 28-05-55; WL 80-39-00; MOBILE: Melbourne (BREVARD), FL, airborne at a maximum altitude of 13716 meters, within 185 km, centered around NL 28-05-55; WL 80-39-00

Frequency Information

Melbourne (BREVARD), FL - NL 28-05-55; WL 80-39-00; MOBILE: Melbourne (BREVARD), FL, airborne at a maximum altitu

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1760 MHz	MO	5M00F2C	32 W (ERP)	
2305 MHz	FX	5M00F2C	796 W (ERP)	

This authorization effective August 13, 2009 and
will expire 3:00 A.M. EST February 13, 2010

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) Operation on the frequency 2305 MHz requires consent of affected Wireless Communications Service licensee(s) to avoid interference.