

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

WD2XWP

(Call Sign)

XC FX MO

(Class of Station)

0041-EX-RR-2008

(File Number)

NAME Northrop Grumman Defense Mission Systems, Inc.

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(b) of the Commission's Rules

Station Locations

- (1) Melbourne (BREVARD), FL - NL 28-05-52; WL 80-39-44; MOBILE: Melbourne (BREVARD), FL, maximum altitude of 13716 meters, within 133 km, centered around NL 28-05-52; WL 80-39-44
- (2) Miramar (SAN DIEGO), CA - NL 32-51-39; WL 117-08-41; MOBILE: Marine Corp Air Station Miramar (SAN DIEGO), CA, maximum altitude of 13716 meters, within 33 km, centered around NL 32-51-39; WL 117-08-41
- (3) Nellis AFB (CLARK), NV - NL 36-14-56; WL 114-57-37; MOBILE: Nellis AFB (CLARK), NV, maximum altitude of 13716 meters, within 33 km, centered around NL 36-14-56; WL 114-57-37

Frequency Information

Melbourne (BREVARD), FL - NL 28-05-52; WL 80-39-44; MOBILE: Melbourne (BREVARD), FL, maximum altitude of 13716 m

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9850 MHz	FX	800KG1D	1000 W (ERP)	
10290 MHz	MO	21M4G1D	100 W (ERP)	

This authorization effective April 07, 2008 and
will expire 3:00 A.M. EST April 01, 2010

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Miramar (SAN DIEGO), CA - NL 32-51-39; WL 117-08-41; MOBILE: Marine Corp Air Station Miramar (SAN DIEGO), CA, ma:

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9850 MHz	FX	800KG1D	1000 W (ERP)	
10290 MHz	MO	21M4G1D	100 W (ERP)	

Nellis AFB (CLARK), NV - NL 36-14-56; WL 114-57-37; MOBILE: Nellis AFB (CLARK), NV, maximum altitude of 13716 meter

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9850 MHz	FX	800KG1D	1000 W (ERP)	
10290 MHz	MO	21M4G1D	100 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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by the U.S. Air Force contract number H94003-04-D-0005-0002. 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 contract designated in the related application and enumerated above.