

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WD9XBZ

(Call Sign)

0459-EX-ST-2007

(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 to develop systems for the U.S. military.

Station Locations

- (1) Pueblo (PUEBLO), CO - NL 38-17-21; WL 104-29-48; MOBILE: Airborne, at a maximum altitude of 13716 meters, within 185 km, centered around NL 38-17-21; WL 104-29-48
- (2) Centennial Airport (ARAPAHOE), CO - NL 39-34-12; WL 104-50-58; MOBILE: Airborne, at a maximum altitude of 13716 meters, within 185 km, centered around NL 39-34-12; WL 104-50-58

Frequency Information

Pueblo (PUEBLO), CO - NL 38-17-21; WL 104-29-48; MOBILE: Airborne, at a maximum altitude of 13716 meters, within 185

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 October 23, 2007 and
will expire 3:00 A.M. EST April 16, 2008

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Centennial Airport (ARAPAHOE), CO - NL 39-34-12; WL 104-50-58; MOBILE: Airborne, at a maximum altitude of 13716 met

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1760 MHz	MO	5M00F2C	32 W (ERP)	
2305 MHz	FX	5M00F2C	796 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) NTIA does not agree to the use of the frequency 1750 MHz but does agree to the use of the frequency 1760 MHz.
- (3) Licensee should be aware that stations in the AWS-1 F block and WCS A block may be licensed adjacent channel or co-channel to these frequencies, and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.