

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WD9XXS

(Call Sign)

0285-EX-ST-2009

(File Number)

NAME Raytheon NCS

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:

To verify over-the-air Common Data Link interoperability between the Zumwalt CDL system (a surface terminal) and a simulated CDL airborne platform.

Station Locations

(1) Salt Lake City, UT - NL 40-47-01; WL 111-57-12; MOBILE: , within 1 km

Frequency Information

Salt Lake City, UT - NL 40-47-01; WL 111-57-12; MOBILE: , within 1 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14400-14925 MHz	MO	21M4G1D 42M8G1D 89M5G1D	40 W (Output Power)	
15150-15350 MHz	FX	64M0G1D 8M00G1D 8M00G1D	25 kW (Output Power)	

This authorization effective July 06, 2009 and
will expire 3:00 A.M. EST October 30, 2009

**FEDERAL
COMMUNICATIONS
COMMISSION**



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) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (3) Licensee must coordinate before operating in the 14400-14925 MHz frequency band with the National Academy of Sciences (NSF) to protect the radio astronomy service from harmful interference.