

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

EXPERIMENTAL

(Nature of Service)

WK9XOB

(Call Sign)

XT FX MO

(Class of Station)

1630-EX-ST-2016

(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:

The purpose of the operation is to test and demonstrate ANW2 and HPW waveforms on a Cessna 208 using Harris PRC-117G and Rockwell Collins ARC-210 equipment.

Station Locations

- (1) Melbourne (BREVARD), FL - NL 28-05-49; WL 80-39-02; MOBILE: maximum altitude 10,000 ft AMSL, within 222 km, centered around NL 28-05-49; WL 80-39-02

Frequency Information

Melbourne (BREVARD), FL - NL 28-05-49; WL 80-39-02; MOBILE: maximum altitude 10,000 ft AMSL, within 222 km, centere

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
430-450 MHz	FX	5M00G1D 25K0G1D	20 W (Output Power)	
430-450 MHz	MO	5M00G1D 25K0G1D	20 W (Output Power)	

This authorization effective November 30, 2016 and
will expire 3:00 A.M. EST March 01, 2017

**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) Northrop Grumman must provide a stop buzzer point of contact to the following Frequency Management Offices:

DoD Gulf Area Frequency Coordinator (GAFC)
201 W. Eglin Blvd., Ste. 207
Eglin AFB, FL 32542-6829
COM: (850) 883-5982 DSN: 875-5982
COM FAX: (850) 882-1244 DSN: 872-1244

DoD Eastern Area Frequency Coordinator (EAFC)
14820 Samuel C Phillips Pkwy
Cape Canaveral AFS, FL 32925
COM: (321) 853-8426 DSN: 467-8426
COM FAX: (321) 853-3388
NIPR Organizational Email: 45sw.dodeafc@us.af.mil