

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

EXPERIMENTAL

(Nature of Service)

WN9XGZ

(Call Sign)

XT MO

(Class of Station)

1317-EX-ST-2018

(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 analyze the signals received on experimental air-to-air links.

Station Locations

- (1) MOBILE: Milford, DE: airborne mobile max altitude 20,000 feet MSL, within 55.6 km, centered around NL 38-54-56; WL 75-25-42

Frequency Information

MOBILE: Milford, DE: airborne mobile max altitude 20,000 feet MSL, within 55.6 km, centered around NL 38-54-56; WL 75-25-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2412-2427 MHz	MO	2M45G2D	34 W (ERP)	
2452-2467 MHz	MO	2M45G2D	34 W (ERP)	

This authorization effective September 07, 2018 and
will expire 3:00 A.M. EST March 08, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at http://freq.sbe.org/pdf_files/coordinators.pdf to find the appropriate coordinator.
- (2) Northrop Grumman Systems Corporation must notch out 2462 MHz (+/- 1.2 MHz) in order to avoid potential interference with ongoing operations.
- (3) Northrup shall coordinate with any Fixed Microwave Service licensees in accordance with 47 CFR, Part 101.103(d) prior to operation in 2452-2467 MHz band.