

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

EXPERIMENTAL

(Nature of Service)

WA8XBC

(Call Sign)

XT FX MO

(Class of Station)

1080-EX-ST-2026

(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:

Northrop Grumman Systems Corporation requests an urgent three-month experimental STA to conduct critical certification testing of new IFF Transponder P.2 software on the APX-119-0547

Station Locations

- (1) Palmdale (LOS ANGELES), CA - NL 34-38-14; WL 118-04-45; MOBILE: within 3 km radius, within 3 km, centered around NL 34-38-14; WL 118-04-45

Frequency Information

Palmdale (LOS ANGELES), CA - NL 34-38-14; WL 118-04-45; MOBILE: within 3 km radius, within 3 km, centered around NL :

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1090 MHz	FX	5M60M1D 18M4V1D	440.683 W (ERP)	0.005 %
1090 MHz	MO	5M60M1D 18M4V1D	440.683 W (ERP)	0.005 %

This authorization effective July 02, 2026 and
will expire 3:00 A.M. EST October 03, 2026

**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) One or more frequency assignments were coordinated prior to authorization with FAA Headquarters, 800 Independence Avenue, S.W., Washington, DC 20591; Telephone: 202-267-8699.
- (3) The designated point-of-contact to terminate transmissions if interference occurs is Nathan Miller, at (858) 253-7357.