

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

WK2XYX

(Call Sign)

XT FX

(Class of Station)

0131-EX-CN-2020

(File Number)

NAME Northrop Grumman Systems Corp., dba Astro Aerospace

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(J) of the Commission's Rules

Station Locations

(1) Oxnard (VENTURA), CA - NL 34-12-24; WL 119-08-22

Frequency Information

Oxnard (VENTURA), CA - NL 34-12-24; WL 119-08-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
17-21 GHz	FX	25H0N0N	100 W (ERP)	0.001 %

Special Conditions:

- (1) 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.
- (2) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at https://www.sbe.org/sections/freq_local.php to find the appropriate coordinator.
- (3) Strict non-interference basis to Flight Test telemetry operations at NAS Pt Magu, subject to cancellation for same.
- (4) Stop Buzzer for Operation: Shvetsov Andrey
Phone Number: 8052884773
E-Mail Address: andrey.shvetsov@ngc.com
- (5) The stations are only authorized to conduct tests indoor in shielded environment.

This authorization effective February 09, 2021 and
will expire 3:00 A.M. EST February 01, 2023

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (6) Applicant must coordinate with the local Society of Broadcast Engineers frequency coordinator and the Fixed Microwave Service licensees in accordance with 47 C.F.R, Part 101.103(d) prior to operation in 17-21 GHz band.

- (7) LICENSEE IS PROHIBITED FROM OPERATING ON THE 1500 - 1560 MHZ BAND. EVEN WITH DOWNWARD SHIFTING OF THE UPPER FREQUENCY RANGE, THE SIGNAL STRENGTH WILL STILL IMPACT ADVERSELY GPS L1.