

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WQ9XJM

(Call Sign)

0624-EX-ST-2020

(File Number)

NAME The Boeing Company

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:
Satellite Terminal Testing

Station Locations

(1) Herndon (FAIRFAX), VA - NL 38-57-31; WL 77-22-33

Frequency Information

Herndon (FAIRFAX), VA - NL 38-57-31; WL 77-22-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
29.625 GHz	FX	2M30G7D	35481339 W (ERP)	
29.625 GHz	FX	57M3G7D	446684 W (ERP)	
29.625 GHz	FX	115MG7D	446684 W (ERP)	

This authorization effective April 28, 2020 and
will expire 3:00 A.M. EST October 29, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Herndon (FAIRFAX), VA - NL 38-57-31; WL 77-22-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
29.625 GHz	FX	218MG7D	39810717 W (ERP)	
29.625 GHz	FX	218MG7D	33189446 W (ERP)	
29.875 GHz	FX	25M0G7D	9289664 W (ERP)	

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) All customers participating in the experiment shall be informed that this operation is for experimental purposes only and can be cancelled at any time.
- (4) Stop Buzzer for Operation: Boeing 24-hour NOC hotline: (855) 556-1001 email: bcssnoc@boeing.com.
- (5) The stations are authorized to conduct tests via Hylas 4 @ 33.5° WL satellite (licensed by the United Kingdom Space Agency and Ofcom (ITU Filing UKMMSAT-B2-TTC-C)) at the 29.625 GHz and 29.875 GHz bands.
- (6) Point of contact: Hylas satellite.