

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

EXPERIMENTAL

(Nature of Service)

WK9XQB

(Call Sign)

XT FX

(Class of Station)

1696-EX-ST-2016

(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:

To test satellite terminal capabilities.

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 (+/-)
29-29.5 GHz	FX	8M00M1D	891.251 kW (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) The licensee should be aware that the other stations may be authorized on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (3) Prior to operation, licensee must successfully coordinate with the affected Fixed Microwave Service licensees in accordance with 47 CFR, Part 101.103(d).

This authorization effective January 10, 2017 and
will expire 3:00 A.M. EST June 24, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (4) Prior to operating in the 29.0-29.3 GHz band, the Boeing Company must coordinate with the Iridium satellite operator. The Iridium point of contact to coordinate is Maureen C. McLaughlin, maureen.mclaughlin@iridium.com, 703-287-7518.
- (5) Operations must be Non Interference Basis (NIB)/ Non Protected Basis (NPB)/ Not Prejudice to future decisions (NPFD).
- (6) POINT OF COMMUNICATION: Inmarsat-5 F2 (I5-F2).
- (7) The designated point of contact to terminate the system if interference occurs is Samir Patel 310-227-7178.