

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WM9XXD

(Call Sign)

1069-EX-ST-2018

(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:
Experimental Testing.

Station Locations

(1) Boardman (MORROW), OR - NL 45-07-00; WL 119-08-00

Frequency Information

Boardman (MORROW), OR - NL 45-07-00; WL 119-08-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
29500-30000 MHz	FX	10M0G7W	39811 W (ERP)	

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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.

This authorization effective June 27, 2018 and
will expire 3:00 A.M. EST December 28, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (4) POINT-OF-COMMUNICATION: US Permitted Space stations
- (5) Authorization of this STA does not constitute U.S. Market access authorization for US Permitted Space stations in the 29.5 GHz - 30.0 GHz (Earth-to-space) frequency band.
- (6) The Stop Buzzer, point-of contact, John Landry, (509) 637-5643 must be available during any testing or demonstration under this authorization.
- (7) Department of Defense is not responsible for coordinating or obtaining US Permitted Space Stations access agreements required for any testing/ demonstration under this authorization
- (8) Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future applications.
- (9) All Boeing operations granted on an experimental basis shall be conducted on an unprotected, non-interference basis to authorized Department of Defense stations.
- (10) The Boeing Company must coordinate with the affected Fixed Microwave Service licensees in adjacent band, 27.5-29.5 GHz, prior to commencing the experimental operations.
- (11) Prior to operation, the Boeing Company must coordinate with stations authorized to operate in these frequency bands that are located within a 25-mile radius of the transmitter.
- (12) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (13) The authorized station must be in compliance with environmental requirement set forth in Section 1.1307 of the Commission's Rules.
- (14) The authorized station must be in compliance with the Federal Aviation Administration (FAA) requirements as set forth in Section 17.4 of the Commission's Rules.
- (15) This authorization is without prejudice to any determination that the Commission may make regarding pending or future experimental satellite earth station applications.
- (16) Operations are on a non-interference basis (NIB) and shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference and notify the FCC in writing.