

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

EXPERIMENTAL
(Nature of Service)

WL9XZG
(Call Sign)

XT MO
(Class of Station)

1497-EX-ST-2017
(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:

Flight telemetry, vehicle commands, and video streaming for ONR program AACUS in the Manassas VA area.

Station Locations

- (1) MOBILE: The Flying Circus, Bealton, VA, airborne 1000' AGL, within 29 km, centered around NL 38-32-58; WL 77-42-55

Frequency Information

MOBILE: The Flying Circus, Bealton, VA, airborne 1000' AGL, within 29 km, centered around NL 38-32-58; WL 77-42-55

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2290-2310 MHz	MO	20M0G1D	32 W (ERP)	0.0005 %
2390-2410 MHz	MO	20M0G1D	32 W (ERP)	0.0005 %
2480-2500 MHz	MO	20M0G1D	32 W (ERP)	0.0005 %

This authorization effective November 06, 2017 and
will expire 3:00 A.M. EST May 01, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



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) Boeing Company must coordinate with the local Society of Broadcast Engineers coordinator and Fixed Microwave licensees prior to operation on 2480-2483.5 MHz.
- (4) Notification must be provided to the NASA Wallops Flight Facility (WFF) Spectrum Manager, Felipe Arroyo 757.824.1623 or felipe.arroyo-1@nasa.gov, at least 7 days prior to operations to allow de-confliction of sounding rocket telemetry operations.
- (5) The authorized station must be in compliance with environmental requirement set forth in Section 1.1307 of the Commission's Rules.
- (6) 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.