

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

EXPERIMENTAL

(Nature of Service)

XC MO

(Class of Station)

WE2XAG

(Call Sign)

0654-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:

Testing the Cobham SATCOM 5075 antenna system.

Station Locations

(1) MOBILE: CONUS, Alaska, Hawaii, U.S. Territories

Frequency Information

MOBILE: CONUS, Alaska, Hawaii, U.S. Territories

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
29500-30000 MHz	MO		131826 W (ERP)	
		4M18G7W		
		32M0G7W		
		3M99G7W		
		460KG7W		
		5M00G1W		

Special Conditions:

(1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.

This authorization effective June 01, 2017 and
will expire 3:00 A.M. EST December 02, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) 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.
- (4) POINT-OF-COMMUNICATION: INMARSAT 5-F2.
- (5) Authorization of this STA does not constitute U.S. Market access authorization for Inmarsat-5 F2 in the 29.5 GHz - 30.0 GHz (Earth-to-space) frequency band.
- (6) The Stop Buzzer, point-of contact: Mr. Allen Lindsay, 206-544-6053 must be available during any testing or demonstration under this authorization.
- (7) Department of Defense is not responsible for coordinating or obtaining INMARSAT access agreements required for any testing/ demonstration under this authorization
- (8) Operations are on a non-interference basis and shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station.
- (9) Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future applications.
- (10) All Boeing operations granted on an experimental basis shall be conducted on an unprotected, non-interference basis to authorized Department of Defense stations.
- (11) The Boeing Company coordinate with the affected Fixed Microwave Service licensees around each test site in accordance with 47 CFR, Part 101.103(d) prior to commencing experimental operations.