

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

WI2XZD

(Call Sign)

XT MO

(Class of Station)

0488-EX-CN-2017

(File Number)

NAME The Boeing Company

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(h) of the Commission's Rules

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)	
		32M0G7W		
		3M99G7W		
		4M18G7W		
		460KG7W		
		5M00G1W		

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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) POINT-OF-COMMUNICATION: INMARSAT 5-F2.

This authorization effective August 08, 2017 and
will expire 3:00 A.M. EST August 01, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (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 must successfully 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.
- (12) 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.