

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WG2XLC

(Call Sign)

0037-EX-ML-2016

(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(i) of the Commission's Rules

Station Locations

- (1) MOBILE: Mobile ground operations, CONUS, US
- (2) MOBILE: Mobile ground operations, Waimea, HI, within 10 km, centered around NL 20-02-16; WL 155-49-50

Frequency Information

MOBILE: Mobile ground operations, CONUS, US

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1626.5-1660 MHz	MO	200KD7W	532 W (ERP)	
		200KG7W		
		100KD7W		
		100KG7W		
		50K0D7W		
		50K0G7W		
		40K0G1D		
		40K0G1E		
		25K0G7W		
		21K0G1D		
		10K0G1D		
		7K20G1E		
		6K80G1E		

This authorization effective March 14, 2016 and
will expire 3:00 A.M. EST January 01, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Mobile ground operations, CONUS, US

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1626.5-1660 MHz	MO	1K68G1D 840HG1D 400KG1W 200KG1W 100KG1W	532 W (ERP)	

MOBILE: Mobile ground operations, Waimea, HI, within 10 km, centered around NL 20-02-16; WL 155-49-50

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1626.5-1660 MHz	MO	200KD7W 200KG7W 100KD7W 100KG7W 50K0D7W 50K0G7W 40K0G1D 40K0G1E 25K0G7W 21K0G1D 10K0G1D 7K20G1E 6K80G1E 1K68G1D 840HG1D 400KG1W 200KG1W 100KG1W	532 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.

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) The designated-point-of-contact to terminate the system if having interference occurs is Allen S. Lindsay, SR. at 866-248-1493.
- (4) POINT-OF-COMMUNICATION: INMARSAT, SKYTERRA-1