

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WH2XKM

(Call Sign)

0056-EX-CR-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(h) of the Commission's Rules

Station Locations

(1) MOBILE: Palmdale, CA, within 1 km, centered around NL 34-37-54; WL 118-05-36

Frequency Information

MOBILE: Palmdale, CA, within 1 km, centered around NL 34-37-54; WL 118-05-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
973 MHz	MO	1M00V1A	0.0009 W (ERP)	
975 MHz	MO	1M00V1A	0.0009 W (ERP)	
1021 MHz	MO	1M00V1A	0.0009 W (ERP)	
1036 MHz	MO	1M00V1A	0.0009 W (ERP)	

This authorization effective November 30, 2016 and
will expire 3:00 A.M. EST September 15, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Palmdale, CA, within 1 km, centered around NL 34-37-54; WL 118-05-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1042 MHz	MO	1M00V1A	0.0009 W (ERP)	
1058 MHz	MO	1M00V1A	0.0009 W (ERP)	
1099 MHz	MO	1M00V1A	0.0009 W (ERP)	
1101 MHz	MO	1M00V1A	0.0009 W (ERP)	
1147 MHz	MO	1M00V1A	0.0009 W (ERP)	
1162 MHz	MO	1M00V1A	0.0009 W (ERP)	
1168 MHz	MO	1M00V1A	0.0009 W (ERP)	
1184 MHz	MO	1M00V1A	0.0009 W (ERP)	

Special Conditions:

- (1) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by . The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

Special Conditions:

- (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) The following ground test frequencies may be used with the 1M00V1A bandwidth.
 - a. 973 MHz Channel 12X
 - b. 975 MHz Channel 14X
 - c. 1021 MHz Channel 60 X
 - d. 1162 MHz Channel 75 X
 - e. 1164 MHz Channel 77X
 - f. 1210 MHz Channel 123X
- (5) Operation is subject to prior coordination with FAA Western Regional Office, P.O. Box 92007, Worldway Center, Los Angeles, CA 90009, and ATTN: Frequency Management Office. PH: 310-297-1872.
- (6) Stop buzzer, Craig Hadlock, 661-361-5289.