

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

EXPERIMENTAL

(Nature of Service)

WJ9XHQ

(Call Sign)

XT MO

(Class of Station)

0220-EX-ST-2016

(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:

The equipment will be set up to verify the down-link operation only by transmitting on the proposed frequency.

Station Locations

(1) MOBILE: St. Louis, MO, within 1 km, centered around NL 38-46-08; WL 90-23-20

Frequency Information

MOBILE: St. Louis, MO, within 1 km, centered around NL 38-46-08; WL 90-23-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14470 MHz	MO	135MG1D	27868 W (ERP)	0.0000235 %

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) The designated point-of-contact to terminate the system if interference occurs is Tom Rogers 314-232-5840.

This authorization effective April 20, 2016 and
will expire 3:00 A.M. EST July 21, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (4) Prior to operation, licensee must coordinate with stations authorized to operate in these frequency bands that are located within a within a 25 mile radius of the transmitter.
- (5) Boeing must be aware that the frequency range 14700 -15000 MHz is internationally allocated to Radio Astronomy on a secondary basis s. US footnote 203,US footnote 342 and note 5.149 in the table of allocations require that all practicable efforts be made to protect Radio Astronomy observations at the identified facilities.