

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WH9XKM

(Call Sign)

0264-EX-ST-2014

(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 new ADS-B Out, DO-260B Transponders. Ground testing an airplane at the William P. Hobby Airport in Houston, TX.

Station Locations

(1) Houston (HARRIS), TX - NL 29-38-43; WL 95-16-44

Frequency Information

Houston (HARRIS), TX - NL 29-38-43; WL 95-16-44

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1030 MHz	FX	12M0M1D 14M0M1D 6M00M1D	0.01 W (ERP)	
1090 MHz	FX	14M0M1D 14M0V1D 14M0K1D	0.01 W (ERP)	

This authorization effective May 01, 2014 and
will expire 3:00 A.M. EST August 01, 2014

**FEDERAL
COMMUNICATIONS
COMMISSION**



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 aircraft transponder antennas will be shielded, covered with a hat, or the transponder must be connected to the test set via cable or connected into a dummy load.
- (4) Prior to conducting tests using 1030 or 1090 MHz, the Boeing company shall contact the Houston Air Route Traffic Control Center (ARTCC) and local Air Traffic Control Tower (ATCT) and provide them with the test time, location and direct phone number to stop transmission if any inadvertent interference is observed.
- (5) The test procedures will be consistent with the procedures in FAA advisory circular 20-165A. Boeing POC is Nathan Miller, 206-544-6045.
- (6) The designated point-of-contact to terminate the systems if interference occurs is Jason Watt, telephone 425-876-5767.