

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WG2XZL

(Call Sign)

0774-EX-PL-2013

(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) Summit, DE - NL 39-31-15; WL 75-43-25

Frequency Information

Summit, DE - NL 39-31-15; WL 75-43-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
121.725 MHz	FX	25K0A3E	15.2 W (ERP)	
121.95 MHz	FX	25K0A3E	15.2 W (ERP)	
122.125 MHz	FX	25K0A3E	15.2 W (ERP)	
122.175 MHz	FX	25K0A3E	15.2 W (ERP)	

This authorization effective March 12, 2014 and
will expire 3:00 A.M. EST March 01, 2016

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Frequency Information

Summit, DE - NL 39-31-15; WL 75-43-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
122.225 MHz	FX	25K0A3E	15.2 W (ERP)	
122.275 MHz	FX	25K0A3E	15.2 W (ERP)	
122.325 MHz	FX	25K0A3E	15.2 W (ERP)	
122.375 MHz	FX	25K0A3E	15.2 W (ERP)	
122.425 MHz	FX	25K0A3E	15.2 W (ERP)	
122.475 MHz	FX	25K0A3E	15.2 W (ERP)	
122.575 MHz	FX	25K0A3E	15.2 W (ERP)	
122.625 MHz	FX	25K0A3E	15.2 W (ERP)	
122.675 MHz	FX	25K0A3E	15.2 W (ERP)	
122.7-123.075 MHz	FX	25K0A3E	15.2 W (ERP)	

Frequency Information

Summit, DE - NL 39-31-15; WL 75-43-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
126.2 MHz	FX	25K0A3E	15.2 W (ERP)	
128.825-132 MHz	FX	25K0A3E	15.2 W (ERP)	
134.1 MHz	FX	25K0A3E	15.2 W (ERP)	
135.075 MHz	FX	25K0A3E	15.2 W (ERP)	
136.5-136.975 MHz	FX	25K0A3E	15.2 W (ERP)	

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) Operation is subject to prior coordination with FAA Headquarters Spectrum Assignments and Engineering.
- (4) The designated point-of-contact to terminate the systems if interference occurs is Eric Singer 757-771-7259.
- (5) Operation the frequency bands 128.825-132 MHz and 136.5-136.975 MHz are permitted using only the certain frequencies 129.875 MHz, 130.675 MHz, 131.175 MHz, 131.875 MHz, 136.525 MHz and 136.625 MHz.
- (6) Operation the frequency bands 128.825-132 MHz and 136.5-136.975 MHz are subject to prior coordination with Aviation Spectrum Resources, Inc. (ASRI).
- (7) The test will be conducted on the ground and in a hanger.