

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

EXPERIMENTAL

(Nature of Service)

WL9XBR

(Call Sign)

XT FX

(Class of Station)

0062-EX-ST-2018

(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:

Ensure that modifying equipment will not affect the shielding of VOR/ILS/Marker Beacon/Glideslope system

Station Locations

- (1) Ridley Park (DELAWARE), PA - NL 39-51-36; WL 75-19-15
- (2) Middletown (NEW CASTLE), DE - NL 39-31-13; WL 75-43-17

Frequency Information

Ridley Park (DELAWARE), PA - NL 39-51-36; WL 75-19-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
75 MHz	FX	5K00F1E	0.002 W (ERP)	
108 MHz	FX	6K00A2A	0.03 W (ERP)	
108.1 MHz	FX	6K00A2A	0.03 W (ERP)	

This authorization effective April 02, 2018 and
will expire 3:00 A.M. EST October 02, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Ridley Park (DELAWARE), PA - NL 39-51-36; WL 75-19-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
334.7 MHz	FX	300HA1N	0.01 W (ERP)	

Middletown (NEW CASTLE), DE - NL 39-31-13; WL 75-43-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
75 MHz	FX	5K00F1E	0.002 W (ERP)	
108 MHz	FX	6K00A2A	0.03 W (ERP)	
108.1 MHz	FX	6K00A2A	0.03 W (ERP)	
334.7 MHz	FX	300HA1N	0.01 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) Boeing must coordinate with FAA prior to operations.
- (4) Boeing must adhere to the conditions per FAA coordination for this experiment.
- (5) For 75 MHz, no emission wider than 5 kHz.
- (6) The 6 kHz emissions must be removed from the Glide Slope (334.7 MHz).
- (7) This authorization SUPERSEDES the previous issued authorization with the same call sign and file number: amend conditions.