

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

EXPERIMENTAL
(Nature of Service)

WL9XAO
(Call Sign)

XT FX MO
(Class of Station)

0386-EX-ST-2017
(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 other equipment within platform

Station Locations

- (1) Ridley Park (DELAWARE), PA - NL 39-51-36; WL 75-19-15; MOBILE: Within compounds of Boeing facility, Ridley Park, PA, centered around NL 39-51-36; WL 75-19-15
- (2) Middletown (NEW CASTLE), DE - NL 39-31-13; WL 75-43-17; MOBILE: Within compounds of Summit facility, Middletown, DE, centered around NL 39-31-13; WL 75-43-17

Frequency Information

Ridley Park (DELAWARE), PA - NL 39-51-36; WL 75-19-15; MOBILE: Within compounds of Boeing facility, Ridley Park, PA, c

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2 MHz	MO	3K00A3E	100 W (ERP)	
3.821 MHz	MO	3K00A3E	100 W (ERP)	

This authorization effective April 15, 2017 and
will expire 3:00 A.M. EST October 16, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Ridley Park (DELAWARE), PA - NL 39-51-36; WL 75-19-15; MOBILE: Within compounds of Boeing facility, Ridley Park, PA, c

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4 MHz	MO	3K00A3E	100 W (ERP)	
5.775 MHz	MO	3K00A3E	100 W (ERP)	
6 MHz	MO	3K00A3E	100 W (ERP)	
7 MHz	MO	3K00A3E	100 W (ERP)	
8 MHz	MO	3K00A3E	100 W (ERP)	
9 MHz	MO	3K00A3E	100 W (ERP)	
10.5 MHz	MO	3K00A3E	100 W (ERP)	
11 MHz	MO	3K00A3E	100 W (ERP)	
12 MHz	MO	3K00A3E	100 W (ERP)	
13 MHz	MO	3K00A3E	100 W (ERP)	

Frequency Information

Ridley Park (DELAWARE), PA - NL 39-51-36; WL 75-19-15; MOBILE: Within compounds of Boeing facility, Ridley Park, PA, c

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
13.922 MHz	MO	3K00A3E	100 W (ERP)	
14 MHz	MO	3K00A3E	100 W (ERP)	
15.5 MHz	MO	3K00A3E	100 W (ERP)	
16 MHz	MO	3K00A3E	100 W (ERP)	
17 MHz	MO	3K00A3E	100 W (ERP)	
18 MHz	MO	3K00A3E	100 W (ERP)	
19 MHz	MO	3K00A3E	100 W (ERP)	
20.5 MHz	MO	3K00A3E	100 W (ERP)	
21 MHz	MO	3K00A3E	100 W (ERP)	
22 MHz	MO	3K00A3E	100 W (ERP)	

Frequency Information

Ridley Park (DELAWARE), PA - NL 39-51-36; WL 75-19-15; MOBILE: Within compounds of Boeing facility, Ridley Park, PA, c

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
23 MHz	MO	3K00A3E	100 W (ERP)	
24 MHz	MO	3K00A3E	100 W (ERP)	
25.5 MHz	MO	3K00A3E	100 W (ERP)	
26 MHz	MO	3K00A3E	100 W (ERP)	
27 MHz	MO	3K00A3E	100 W (ERP)	
28 MHz	MO	3K00A3E	100 W (ERP)	
29.5 MHz	MO	3K00A3E	100 W (ERP)	
29.975 MHz	MO	3K00A3E	100 W (ERP)	

Middletown (NEW CASTLE), DE - NL 39-31-13; WL 75-43-17; MOBILE: Within compounds of Summit facility, Middletown, DE

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2 MHz	MO	3K00A3E	100 W (ERP)	

Frequency Information

Middletown (NEW CASTLE), DE - NL 39-31-13; WL 75-43-17; MOBILE: Within compounds of Summit facility, Middletown, DE

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3.821 MHz	MO	3K00A3E	100 W (ERP)	
4 MHz	MO	3K00A3E	100 W (ERP)	
5.775 MHz	MO	3K00A3E	100 W (ERP)	
6 MHz	MO	3K00A3E	100 W (ERP)	
7 MHz	MO	3K00A3E	100 W (ERP)	
8 MHz	MO	3K00A3E	100 W (ERP)	
9 MHz	MO	3K00A3E	100 W (ERP)	
10.5 MHz	MO	3K00A3E	100 W (ERP)	
11 MHz	MO	3K00A3E	100 W (ERP)	
12 MHz	MO	3K00A3E	100 W (ERP)	

Frequency Information

Middletown (NEW CASTLE), DE - NL 39-31-13; WL 75-43-17; MOBILE: Within compounds of Summit facility, Middletown, DE

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
13 MHz	MO	3K00A3E	100 W (ERP)	
13.922 MHz	MO	3K00A3E	100 W (ERP)	
14 MHz	MO	3K00A3E	100 W (ERP)	
15.5 MHz	MO	3K00A3E	100 W (ERP)	
16 MHz	MO	3K00A3E	100 W (ERP)	
17 MHz	MO	3K00A3E	100 W (ERP)	
18 MHz	MO	3K00A3E	100 W (ERP)	
19 MHz	MO	3K00A3E	100 W (ERP)	
20.5 MHz	MO	3K00A3E	100 W (ERP)	
21 MHz	MO	3K00A3E	100 W (ERP)	

Frequency Information

Middletown (NEW CASTLE), DE - NL 39-31-13; WL 75-43-17; MOBILE: Within compounds of Summit facility, Middletown, DE

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
22 MHz	MO	3K00A3E	100 W (ERP)	
23 MHz	MO	3K00A3E	100 W (ERP)	
24 MHz	MO	3K00A3E	100 W (ERP)	
25.5 MHz	MO	3K00A3E	100 W (ERP)	
26 MHz	MO	3K00A3E	100 W (ERP)	
27 MHz	MO	3K00A3E	100 W (ERP)	
28 MHz	MO	3K00A3E	100 W (ERP)	
29.5 MHz	MO	3K00A3E	100 W (ERP)	
29.975 MHz	MO	3K00A3E	100 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.

Special Conditions:

- (3) The Boeing Company must coordinate with the local Society of Broadcast Engineers frequency coordinator prior to operation on 26 MHz.
- (4) The following frequencies must be removed from the list at both location due to impact to HF AM(R)S sub-bands used for aviation:

2.851 MHz	3 MHz	3.004 MHz	3.443 MHz
5.451 MHz	5.469 MHz	5.5 MHz	5.571 MHz
6.55 MHz	8.822 MHz	10.045 MHz	11.288 MHz
11.306 MHz	13.312 MHz	17.964 MHz	21.931 MHz