

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

EXPERIMENTAL

(Nature of Service)

WQ9XJQ

(Call Sign)

XT FX MO

(Class of Station)

1396-EX-ST-2020

(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 to ensure communication from aircraft and ground station can be achieved at distance

Station Locations

- (1) RIDLEY PARK (DELAWARE), PA - NL 39-51-31; WL 75-19-12; MOBILE: AIRBORNE OPERATIONS UP TO 2000FT AGL, RIDLEY PARK, PA, within 60 km, centered around NL 39-51-31; WL 75-19-12

Frequency Information

RIDLEY PARK (DELAWARE), PA - NL 39-51-31; WL 75-19-12; MOBILE: AIRBORNE OPERATIONS UP TO 2000FT AGL, RIC

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
230.875 MHz	MO	250KF3E 250KF1D 250KA3E 250KA1D	30 W (ERP)	
232.375 MHz	MO	250KA3E 250KA1D	30 W (ERP)	

This authorization effective November 01, 2020 and
will expire 3:00 A.M. EST May 02, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

RIDLEY PARK (DELAWARE), PA - NL 39-51-31; WL 75-19-12; MOBILE: AIRBORNE OPERATIONS UP TO 2000FT AGL,RID

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
232.375 MHz	MO	250KF3E 250KF1D	30 W (ERP)	
241.265 MHz	MO	250KF3E 250KF1D 250KA1D 250KA3E	30 W (ERP)	
246.375 MHz	MO	250KF3E 250KF1D 250KA3E 250KA1D	30 W (ERP)	
247.75 MHz	MO	250KF3E 250KF1D 250KA3E 250KA1E	30 W (ERP)	
272.625 MHz	MO	250KF3E 250KF1D 250KA3E 250KA1D	30 W (ERP)	
280.375 MHz	MO	250KF3E 250KF1D 250KA3E 250KA1D	30 W (ERP)	

Frequency Information

RIDLEY PARK (DELAWARE), PA - NL 39-51-31; WL 75-19-12; MOBILE: AIRBORNE OPERATIONS UP TO 2000FT AGL, RIC

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
286.375 MHz	MO	250KF3E 250KF1D 250KA3E 250KA1D	30 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 MAG.
- (4) Operation is not permitted using the frequency band 368.25-393.787 MHz.
- (5) Future STA requests to extend this authorization will not be considered. The applicant is required to file for a regular experimental application in accordance with the FCC CFR47 Part 5.61.