

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

EXPERIMENTAL

(Nature of Service)

WO9XHW

(Call Sign)

XT FX MO

(Class of Station)

0538-EX-ST-2019

(File Number)

NAME Rockwell Collins, Inc.

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:

To test the communication of a radio product scheduled to be installed on piloted aircraft.
The maximum altitude of the aircraft is 20,000 feet.

Station Locations

- (1) Niagara Falls, NY - NL 43-06-09; WL 78-56-20; MOBILE: Niagara Falls, NY, within 277.8 km, centered around NL 43-06-09; WL 78-56-20

Frequency Information

Niagara Falls, NY - NL 43-06-09; WL 78-56-20; MOBILE: Niagara Falls, NY, within 277.8 km, centered around NL 43-06-09; V

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1756.5-1769.83 MHz	MO	13M3G1D	80 W (ERP)	0.000225 %
1783.17-1796.5 MHz	MO	13M3G1D	80 W (ERP)	0.000225 %
1808.5-1821.83 MHz	MO	13M3G1D	80 W (ERP)	0.000225 %

This authorization effective April 24, 2019 and
will expire 3:00 A.M. EST July 13, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Niagara Falls, NY - NL 43-06-09; WL 78-56-20; MOBILE: Niagara Falls, NY, within 277.8 km, centered around NL 43-06-09; V

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1835.17-1848.5 MHz	MO	13M3G1D	80 W (ERP)	0.000225 %

Special Conditions:

- (1) Operation in the 1695-1780 MHz, 1915-1920 MHz, 1995-2020 MHz or 2110-2200 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.
- (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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) Rockwell Collins, Inc. should be aware that due to the geographic location and altitude of this application, NTIA is concerned that the potential for interference with Canadian national licensees is a possibility and that should interference occur, NTIA expects Rockwell Collins, Inc. to adhere to the standard restrictions/conditions as if interference with an authorized US licensee had occurred.