

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WL2XCW

(Call Sign)

0575-EX-CN-2020

(File Number)

NAME Rockwell Collins, Inc.

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(j) of the Commission's Rules

Station Locations

- (1) MOBILE: On the ground in a 1 mile radius, within 1.6 km, centered around NL 45-19-20; WL 122-45-54
- (2) MOBILE: Below 500' AGL in a 5 mile radius, within 37 km, centered around NL 45-32-32; WL 122-57-03
- (3) MOBILE: Below 500' AGL in a 5 mile radius, within 37 km, centered around NL 45-14-50; WL 122-46-12
- (4) MOBILE: Below 500' AGL in a 5 mile radius, within 37 km, centered around NL 44-54-34; WL 123-00-09
- (5) MOBILE: Below 500' AGL in a 5 mile radius, within 37 km, centered around NL 45-37-10; WL 121-10-06
- (6) MOBILE: 5 mile radius east, 20 miles west overwater, within 74 km, centered around NL 44-34-49; WL 124-03-28
- (7) MOBILE: 5 mile radius east, 20 miles west overwater, within 74 km, centered around NL 46-09-29; WL 123-52-43

Frequency Information

MOBILE: On the ground in a 1 mile radius, within 1.6 km, centered around NL 45-19-20; WL 122-45-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
29-31 GHz	MO	320MF3N 60M0P1N	200 W (ERP)	1.0695 %

This authorization effective August 06, 2020 and
will expire 3:00 A.M. EST August 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



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Frequency Information

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Special Conditions:

- (1) 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Rockwell Collins, Inc. shall prior coordinate in each proposed location with the affected Fixed Microwave Service licensees in accordance with 47 C.F.R, Part 101.103(d)