

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

EXPERIMENTAL
(Nature of Service)

WH2XWN
(Call Sign)

XD FX MO
(Class of Station)

0403-EX-CR-2019
(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) Cedar Rapids, IA - NL 42-00-43; WL 91-38-47; MOBILE: Cedar Rapids, IA, within 38 km, centered around NL 42-00-43; WL 91-38-47

Frequency Information

Cedar Rapids, IA - NL 42-00-43; WL 91-38-47; MOBILE: Cedar Rapids, IA, within 38 km, centered around NL 42-00-43; WL 9

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
30-50 MHz	MO	25K0F2D 25K0F2E 25K0F3E	50 W (ERP)	
30-50 MHz	FX	25K0F2D 25K0F2E 25K0F3E	50 W (ERP)	
1390-1395 MHz	MO	1M20G1D	50 W (ERP)	

This authorization effective August 01, 2019 and
will expire 3:00 A.M. EST August 01, 2021

**FEDERAL
COMMUNICATIONS
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Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1390-1395 MHz	MO	1M25G1D	50 W (ERP)	
1390-1395 MHz	FX	1M20G1D 1M25G1D	50 W (ERP)	

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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.