

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

EXPERIMENTAL

(Nature of Service)

WG2XLA

(Call Sign)

XD FX MO

(Class of Station)

0138-EX-CM-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 (LINN), IA - NL 42-01-48; WL 91-38-31
- (2) MOBILE: Cedar Rapids, IA, within 32.18 km, centered around NL 42-01-48; WL 91-38-30
- (3) Cedar Rapids (LINN), IA - NL 42-01-48; WL 91-38-31

Frequency Information

Cedar Rapids (LINN), IA - NL 42-01-48; WL 91-38-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9320.1-9400.7 MHz	FX	80M5P0N	352 kW (ERP)	
9327.4-9348.6 MHz	FX	21M1P0N	499 kW (ERP)	
9457.1-9480.7 MHz	FX	23M6M1N 23M6Q1N	140 kW (ERP)	
9457.1-9480.7 MHz	FX	23M6M1N	86 kW (ERP)	

This authorization effective June 26, 2019 and
will expire 3:00 A.M. EST January 01, 2021

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COMMUNICATIONS
COMMISSION**



Frequency Information

Cedar Rapids (LINN), IA - NL 42-01-48; WL 91-38-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9457.1-9480.7 MHz	FX	23M6Q1N	86 kW (ERP)	
9457.1-9480.7 MHz	FX	23M6M1N 23M6Q1N	70 kW (ERP)	

MOBILE: Cedar Rapids, IA, within 32.18 km, centered around NL 42-01-48; WL 91-38-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9320.1-9400.7 MHz	MO	80M5P0N	1 W (ERP)	

Cedar Rapids (LINN), IA - NL 42-01-48; WL 91-38-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9300-9500 MHz	FX	200MP0N	688 kW (ERP)	0.005 %

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) 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.
- (4) The authorized station must be in compliance with environmental requirement set forth in Section 1.1307 of the Commission's Rules.