

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

EXPERIMENTAL
(Nature of Service)

WH2XNM
(Call Sign)

XD FX
(Class of Station)

0269-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 42-01-53; WL 91-38-34
- (2) Cedar Rapids (LINN), IA - NL 42-01-46; WL 91-39-02
- (3) Cedar Rapids (LINN), IA - NL 42-01-58; WL 91-38-29
- (4) Cedar Rapids (LINN), IA - NL 42-01-56; WL 91-38-27
- (5) Cedar Rapids (LINN), IA - NL 42-01-49; WL 91-38-28
- (6) Cedar Rapids (LINN), IA - NL 42-01-53; WL 91-38-28
- (7) Cedar Rapids (LINN), IA - NL 42-01-59; WL 91-38-12
- (8) Cedar Rapids (LINN), IA - NL 42-01-55; WL 91-38-10

Frequency Information

Cedar Rapids (LINN), IA - NL 42-01-53; WL 91-38-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
131.55 MHz	FX	13K0A2D	15.24 W (ERP)	
131.725 MHz	FX	13K0A2D	15.24 W (ERP)	

This authorization effective November 14, 2019 and
will expire 3:00 A.M. EST December 01, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Cedar Rapids (LINN), IA - NL 42-01-53; WL 91-38-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
136.6 MHz	FX	14K0G1D	15.24 W (ERP)	
136.7 MHz	FX	14K0G1D	15.24 W (ERP)	
136.8 MHz	FX	14K0G1D	15.24 W (ERP)	
136.975 MHz	FX	14K0G1D	15.24 W (ERP)	

Cedar Rapids (LINN), IA - NL 42-01-46; WL 91-39-02

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
131.55 MHz	FX	13K0A2D	15.24 W (ERP)	
131.725 MHz	FX	13K0A2D	15.24 W (ERP)	
136.6 MHz	FX	14K0G1D	15.24 W (ERP)	
136.7 MHz	FX	14K0G1D	15.24 W (ERP)	
136.8 MHz	FX	14K0G1D	15.24 W (ERP)	

Frequency Information

Cedar Rapids (LINN), IA - NL 42-01-46; WL 91-39-02

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
136.975 MHz	FX	14K0G1D	15.24 W (ERP)	

Cedar Rapids (LINN), IA - NL 42-01-58; WL 91-38-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
131.55 MHz	FX	13K0A2D	15.24 W (ERP)	
131.725 MHz	FX	13K0A2D	15.24 W (ERP)	
136.6 MHz	FX	14K0G1D	15.24 W (ERP)	
136.7 MHz	FX	14K0G1D	15.24 W (ERP)	
136.8 MHz	FX	14K0G1D	15.24 W (ERP)	
136.975 MHz	FX	14K0G1D	15.24 W (ERP)	

Frequency Information

Cedar Rapids (LINN), IA - NL 42-01-56; WL 91-38-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
131.55 MHz	FX	13K0A2D	15.24 W (ERP)	
131.725 MHz	FX	13K0A2D	15.24 W (ERP)	
136.6 MHz	FX	14K0G1D	15.24 W (ERP)	
136.7 MHz	FX	14K0G1D	15.24 W (ERP)	
136.8 MHz	FX	14K0G1D	15.24 W (ERP)	
136.975 MHz	FX	14K0G1D	15.24 W (ERP)	

Cedar Rapids (LINN), IA - NL 42-01-49; WL 91-38-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
131.55 MHz	FX	13K0A2D	15.24 W (ERP)	
131.725 MHz	FX	13K0A2D	15.24 W (ERP)	
136.6 MHz	FX	14K0G1D	15.24 W (ERP)	

Frequency Information

Cedar Rapids (LINN), IA - NL 42-01-49; WL 91-38-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
136.7 MHz	FX	14K0G1D	15.24 W (ERP)	
136.8 MHz	FX	14K0G1D	15.24 W (ERP)	
136.975 MHz	FX	14K0G1D	15.24 W (ERP)	

Cedar Rapids (LINN), IA - NL 42-01-53; WL 91-38-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
131.55 MHz	FX	13K0A2D	15.24 W (ERP)	
131.725 MHz	FX	13K0A2D	15.24 W (ERP)	
136.6 MHz	FX	14K0G1D	15.24 W (ERP)	
136.7 MHz	FX	14K0G1D	15.24 W (ERP)	
136.8 MHz	FX	14K0G1D	15.24 W (ERP)	
136.975 MHz	FX	14K0G1D	15.24 W (ERP)	

Frequency Information

Cedar Rapids (LINN), IA - NL 42-01-59; WL 91-38-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
131.55 MHz	FX	13K0A2D	15.24 W (ERP)	
131.725 MHz	FX	13K0A2D	15.24 W (ERP)	
136.6 MHz	FX	14K0G1D	15.24 W (ERP)	
136.7 MHz	FX	14K0G1D	15.24 W (ERP)	
136.8 MHz	FX	14K0G1D	15.24 W (ERP)	
136.975 MHz	FX	14K0G1D	15.24 W (ERP)	

Cedar Rapids (LINN), IA - NL 42-01-55; WL 91-38-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
131.55 MHz	FX	13K0A2D	15.24 W (ERP)	
131.725 MHz	FX	13K0A2D	15.24 W (ERP)	
136.6 MHz	FX	14K0G1D	15.24 W (ERP)	

Frequency Information

Cedar Rapids (LINN), IA - NL 42-01-55; WL 91-38-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
136.7 MHz	FX	14K0G1D	15.24 W (ERP)	
136.8 MHz	FX	14K0G1D	15.24 W (ERP)	
136.975 MHz	FX	14K0G1D	15.24 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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.