

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

EXPERIMENTAL

(Nature of Service)

WJ2XUX

(Call Sign)

XD FX MO

(Class of Station)

0756-EX-CN-2018

(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: Airport in Iowa City (KLOW), within 163 km, centered around NL 41-38-21; WL 91-32-47
- (2) Newton (JASPER), IA - NL 41-36-30; WL 93-02-35

Frequency Information

MOBILE: Airport in Iowa City (KLOW), within 163 km, centered around NL 41-38-21; WL 91-32-47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1358.167-1384.833 MHz	MO	8M60G1D	39.8 W (ERP)	
1443.167-1509.833 MHz	MO	8M60G1D	39.8 W (ERP)	

This authorization effective November 26, 2018 and
will expire 3:00 A.M. EST December 01, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Newton (JASPER), IA - NL 41-36-30; WL 93-02-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9.32-9.48 GHz	FX	31M8Q1D	10000 W (ERP)	

Special Conditions:

- (1) This frequency assignment in one of the bands 1435-1525, 2310-2320 and 2345-2390 MHz was coordinated prior to its authorization with AFMO CONUS, Ft. Sam Houston, TX, who also coordinated it, as appropriate, with the Aerospace and Flight Test Radio Coordinating Council. Use of this frequency under the authority of this assignment is subject to such further coordination with AFMO CONUS, Ft. Sam Houston, TX, as necessary to ensure compatibility with existing uses.
- (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.
- (4) 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.
- (5) Operation is not permitted in proposed 2 GHz band in Newton, IA due to possibility of harmful interferences to the Federal Services.