

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WF2XYW

(Call Sign)

0365-EX-CR-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: Nationwide

Frequency Information

MOBILE: Nationwide

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1626.5-1660.5 MHz	MO		828 W (ERP)	
		21K0G1W		
		200KG7W		
		200KD7W		
		40K0D1W		
		5K60G1D		
		21K0G1D		
		10K5G1D		
		8K40G1D		
		80K0D1D		
		80K0D1E		
		80K0D1W		
		180KD1D		
		1K68G1D		
		840HG1D		
		180KD1E		

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

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Nationwide

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1626.5-1660.5 MHz	MO	180KD1W 200KD7D 200KD7E 200KD7W 200KG7D 200KG7E 200KG7W 20K0D1D 20K0D1E 20K0D1W 40K0D1D 40K0D1E 40K0D1W 5K60G1D	828 W (ERP)	

Special Conditions:

- (1) POINT OF COMMUNICATION: INMARSAT Satellite
- (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 station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (5) POINT OF COMMUNICATION: INMARSAT Satellite I-3 (AOR-W, longitude=54W); INMARSAT Satellite I-3 (AOR-E, longitude=15.5W); INMARSAT Satellite I-3 (POR, longitude=178E); and INMARSAT Satellite I-4 (Americas, longitude=98W).
- (6) Protection of Space and Earth station authorizations granted by the FCC are required. Applicant must operate on a non interference basis and can not claim protection from interference. A list of current authorizations can be found by conducting an advance search for current authorizations in the band 1625.5-1660.5 MHz at: <http://licensing.fcc.gov/myibfs/pointSearch.do>
Use of satellites must be agreed upon with each satellite operator.
- (7) Operation the frequency band 1626-1660 MHz must not interfere with commercial L band MSS earth station or space station transmitters and receivers.
- (8) Operation is subject to prior coordination in the frequency band 1626.5-1660 MHz with Ligado Networks Subsidiary LLC.