

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WH2XIC

(Call Sign)

0448-EX-CR-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: U.S. airspace

Frequency Information

MOBILE: U.S. airspace

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 2398-2800 kHz | MO            | 48K0J1D             | 1 kW (ERP)       |                           |
| 3075-3171 kHz | MO            | 48K0J1D             | 1 kW (ERP)       |                           |
| 3260-3350 kHz | MO            | 48K0J1D             | 1 kW (ERP)       |                           |
| 3550-4050 kHz | MO            | 48K0J1D             | 1 kW (ERP)       |                           |

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

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

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| Frequency         | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------------|---------------|---------------------|------------------|---------------------------|
| 4569.5-4617.5 kHz | MO            | 48K0J1D             | 1 kW (ERP)       |                           |
| 4750-4950 kHz     | MO            | 48K0J1D             | 1 kW (ERP)       |                           |
| 5100-5315 kHz     | MO            | 48K0J1D             | 1 kW (ERP)       |                           |
| 5760-5960 kHz     | MO            | 48K0J1D             | 1 kW (ERP)       |                           |
| 6060-6160 kHz     | MO            | 48K0J1D             | 1 kW (ERP)       |                           |
| 6770-6970 kHz     | MO            | 48K0J1D             | 1 kW (ERP)       |                           |
| 7410-7483 kHz     | MO            | 48K0J1D             | 1 kW (ERP)       |                           |
| 7990-8060 kHz     | MO            | 48K0J1D             | 1 kW (ERP)       |                           |
| 9050-9350 kHz     | MO            | 48K0J1D             | 1 kW (ERP)       |                           |
| 10200-10400 kHz   | MO            | 48K0J1D             | 1 kW (ERP)       |                           |

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|-----------------|---------------|---------------------|------------------|---------------------------|
| 10600-10800 kHz | MO            | 48K0J1D             | 1 kW (ERP)       |                           |
| 11550-12090 kHz | MO            | 48K0J1D             | 1 kW (ERP)       |                           |
| 13850-14550 kHz | MO            | 48K0J1D             | 1 kW (ERP)       |                           |
| 15760-15860 kHz | MO            | 48K0J1D             | 1 kW (ERP)       |                           |
| 15960-16060 kHz | MO            | 48K0J1D             | 1 kW (ERP)       |                           |
| 16160-17450 kHz | MO            | 48K0J1D             | 1 kW (ERP)       |                           |
| 18040-18610 kHz | MO            | 48K0J1D             | 1 kW (ERP)       |                           |
| 19460-20460 kHz | MO            | 48K0J1D             | 1 kW (ERP)       |                           |
| 20960-21860 kHz | MO            | 48K0J1D             | 1 kW (ERP)       |                           |
| 22860-23160 kHz | MO            | 48K0J1D             | 1 kW (ERP)       |                           |

## Frequency Information

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|-----------------|---------------|---------------------|------------------|---------------------------|
| 23460-24460 kHz | MO            | 48K0J1D             | 1 kW (ERP)       |                           |
| 25230-26490 kHz | MO            | 48K0J1D             | 1 kW (ERP)       |                           |
| 26910-27440 kHz | MO            | 48K0J1D             | 1 kW (ERP)       |                           |
| 27990-29720 kHz | MO            | 48K0J1D             | 1 kW (ERP)       |                           |

## Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) 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.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) Operation is subject to prior coordination in 25230-26490 kHz with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9102 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir @ sbe.org; information, www.sbe.org.
- (5) The designated point-of-contact to terminate transmissions if interference occurs is Mr. Joe Splean at (319) 295-6691.
- (6) The following frequency bands must be notched out:  
2495 - 2505 kHz  
19990 - 20010 kHz