

**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)

0130-EX-RR-2014

(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             |                  |                           |
|                   |               | 1K68G1D             |                  |                           |
|                   |               | 840HG1D             |                  |                           |
|                   |               | 180KD1D             |                  |                           |
|                   |               | 180KD1E             |                  |                           |
|                   |               | 180KD1W             |                  |                           |
|                   |               | 200KD7D             |                  |                           |
|                   |               | 200KD7E             |                  |                           |

This authorization effective June 21, 2014 and  
will expire 3:00 A.M. EST July 01, 2016

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



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|                   |               | 200KG7E             |                  |                           |
|                   |               | 200KG7W             |                  |                           |
|                   |               | 20K0D1D             |                  |                           |
|                   |               | 20K0D1E             |                  |                           |
|                   |               | 20K0D1W             |                  |                           |
|                   |               | 40K0D1D             |                  |                           |
|                   |               | 40K0D1E             |                  |                           |
|                   |               | 40K0D1W             |                  |                           |
|                   |               | 5K60G1D             |                  |                           |
|                   |               | 80K0D1D             |                  |                           |
|                   |               | 80K0D1E             |                  |                           |
|                   |               | 80K0D1W             |                  |                           |

## Special Conditions:

- (1) POINT OF COMMUNICATION: INMARSAT Satellite
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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 the frequency band 1626.5-1660 MHz with LightSquared.