

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

EXPERIMENTAL
(Nature of Service)

KK2XHR
(Call Sign)

XR MO
(Class of Station)

0104-EX-RR-2005
(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(a) of the Commission's Rules

Station Locations

- (1) MOBILE: Southeast corner of intersecting Texas roads FCR 1090 and FCR 1095, within 160 km, centered around NL 31-47-02; WL 96-17-14

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2396.5 kHz	MO	3K00R3E 3K00H3E 3K00J3E 3K00H8W 3K00J8W	1 kW (Output Power)	0.005 %
2398 kHz	MO	N0N 7K00A3E 7K00A8E 5K00F1B	1 kW (ERP)	0.005 %

This authorization effective August 01, 2005 and
will expire 3:00 A.M. EST August 01, 2010

**FEDERAL
COMMUNICATIONS
COMMISSION**



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2399.5 kHz	MO	3K00R3E 3K00H3E 3K00J3E 3K00H8W 3K00J8W	1 kW (Output Power)	0.005 %
4795.5 kHz	MO	3K00R3E 3K00H3E 3K00J3E 3K00H8W 3K00J8W	100 W (Output Power)	0.005 %
4797 kHz	MO	N0N 7K00A3E 5K00F1B 7K00A8E	100 W (ERP)	0.005 %
4798.5 kHz	MO	3K00R3E 3K00H3E 3K00J3E 3K00H8W 3K00J8W	100 W (Output Power)	0.005 %
6171 kHz	MO	3K00R3E 3K00H3E 3K00J3E 3K00H8W 3K00J8W	1 kW (Output Power)	0.005 %

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6172.5 kHz	MO	N0N 7K00A3E 7K00A8E 5K00F1B	1 kW (ERP)	0.005 %
6174 kHz	MO	3K00R3E 3K00H3E 3K00J3E 3K00H8W 3K00J8W	1 kW (Output Power)	0.005 %
9655.5 kHz	MO	3K00R3E 3K00H3E 3K00J3E 3K00H8W 3K00J8W	1 kW (Output Power)	0.005 %
9657 kHz	MO	N0N 7K00A3E 5K00F1B 7K00A8E	1 kW (ERP)	0.005 %
9658.5 kHz	MO	3K00R3E 3K00H3E 3K00J3E 3K00H8W 3K00J8W	1 kW (Output Power)	0.005 %
11761.5 kHz	MO	3K00R3E	100 W (Output Power)	0.005 %

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11761.5 kHz	MO	3K00H3E 3K00J3E 3K00H8W 3K00J8W	100 W (Output Power)	0.005 %
11763 kHz	MO	N0N 7K00A3E 5K00F1B 7K00A8E	100 W (ERP)	0.005 %
11764.5 kHz	MO	3K00R3E 3K00H3E 3K00J3E 3K00H8W 3K00J8W	100 W (Output Power)	0.005 %
15341.5 kHz	MO	3K00R3E 3K00H3E 3K00J3E 3K00H8W 3K00J8W	100 W (Output Power)	0.005 %
15343 kHz	MO	N0N 7K00A3E 5K00F1B 7K00A8E	100 W (ERP)	0.005 %
15344.5 kHz	MO	3K00R3E 3K00H3E	100 W (Output Power)	0.005 %

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15344.5 kHz	MO	3K00J3E 3K00H8W 3K00J8W	100 W (Output Power)	0.005 %
15406 kHz	MO	3K00R3E 3K00H3E 3K00J3E 3K00H8W 3K00J8W	1 kW (Output Power)	0.005 %
15407.5 kHz	MO	N0N 7K00A3E 5K00F1B 7K00A8E	1 kW (ERP)	0.005 %
15409 kHz	MO	3K00R3E 3K00H3E 3K00J3E 3K00H8W 3K00J8W	1 kW (Output Power)	0.005 %
21725.5 kHz	MO	3K00R3E 3K00H3E 3K00J3E 3K00H8W 3K00J8W	1 kW (Output Power)	0.005 %
21727 kHz	MO	N0N 7K00A3E	1 kW (ERP)	0.005 %

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21727 kHz	MO	5K00F1B 7K00A8E	1 kW (ERP)	0.005 %
21728.5 kHz	MO	3K00R3E 3K00H3E 3K00J3E 3K00H8W 3K00J8W	1 kW (Output Power)	0.005 %
23098.5 kHz	MO	3K00R3E 3K00H3E 3K00J3E 3K00H8W 3K00J8W	1 kW (Output Power)	0.005 %
23100 kHz	MO	N0N 7K00A3E 5K00F1B 7K00A8E	1 kW (ERP)	0.005 %
23101.5 kHz	MO	3K00R3E 3K00H3E 3K00J3E 3K00H8W 3K00J8W	1 kW (Output Power)	0.005 %
29928.5 kHz	MO	3K00R3E 3K00H3E 3K00J3E	1 kW (Output Power)	0.005 %

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
29928.5 KHZ	MO	3K00H8W 3K00J8W	1 kW (Output Power)	0.005 %
29930 KHZ	MO	N0N 7K00A3E 5K00F1B 7K00A8E	1 kW (ERP)	0.005 %
29931.5 KHZ	MO	3K00R3E 3K00H3E 3K00J3E 3K00H8W 3K00J8W	1 kW (Output Power)	0.005 %

Special Conditions:

- (1) Hours of operation: Unlimited except; Nighttime only, 29930; Daytime only, 4797, 9657; 0200-1800 UTC, 11763.0; 0300-1300 UTC, 21727; 0400-1000 UTC, 15406; 1200-2200 UTC, 6171; 1800-0800 UTC, 15343.