

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

EXPERIMENTAL
(Nature of Service)

KK2XHQ
(Call Sign)

XR FX
(Class of Station)

0105-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) Fairfield (FREESTONE), TX - NL 31-47-02; WL 96-17-14

Frequency Information

Fairfield (FREESTONE), TX - NL 31-47-02; WL 96-17-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2396.5 kHz	FX	3K00R3E 3K00H3E 3K00J3E 3K00H8W 3K00J8W	10000 W (Output Power)	0.005 %
2398 kHz	FX	N0N 3K00A3E	10000 W (ERP)	0.005 %
2399.5 kHz	FX	3K00R3E 3K00H3E 3K00J3E	10000 W (Output Power)	0.005 %

This authorization effective August 01, 2005 and
will expire 3:00 A.M. EST August 01, 2007

**FEDERAL
COMMUNICATIONS
COMMISSION**



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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2399.5 kHz	FX	3K00H8W 3K00J8W	10000 W (Output Power)	0.005 %
4795.5 kHz	FX	3K00R3E 3K00H3E 3K00J3E 3K00H8W 3K00J8W	1000 W (Output Power)	0.005 %
4797 kHz	FX	N0N 3K00A3E	1000 W (ERP)	0.005 %
4798.5 kHz	FX	3K00R3E 3K00H3E 3K00J3E 3K00H8W 3K00J8W	1000 W (Output Power)	0.005 %
6151.5 kHz	FX	3K00R3E 3K00H3E 3K00J3E 3K00H8W 3K00J8W	10000 W (Output Power)	0.005 %
6153 kHz	FX	N0N 3K00A3E	10000 W (ERP)	0.005 %

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6154.5 kHz	FX	3K00R3E 3K00H3E 3K00J3E 3K00H8W 3K00J8W	10000 W (Output Power)	0.005 %
6171 kHz	FX	3K00R3E 3K00H3E 3K00J3E 3K00H8W 3K00J8W	1000 W (Output Power)	0.005 %
6172.5 kHz	FX	N0N 3K00A3E	1000 W (ERP)	0.005 %
6174 kHz	FX	3K00R3E 3K00H3E 3K00J3E 3K00H8W 3K00J8W	1000 W (Output Power)	0.005 %
9655 kHz	FX	3K00R3E 3K00H3E 3K00J3E 3K00H8W 3K00J8W	1000 W (Output Power)	0.005 %
9657 kHz	FX	N0N	1000 W (ERP)	0.005 %

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9657 kHz	FX	3K00A3E	1000 W (ERP)	0.005 %
9658.5 kHz	FX	3K00R3E 3K00H3E 3K00J3E 3K00H8W 3K00J8W	1000 W (Output Power)	0.005 %
11761.5 kHz	FX	3K00R3E 3K00H3E 3K00J3E 3K00H8W 3K00J8W	1000 W (Output Power)	0.005 %
11763 kHz	FX	N0N 3K00A3E	1000 W (ERP)	0.005 %
11764.5 kHz	FX	3K00R3E 3K00H3E 3K00J3E 3K00H8W 3K00J8W	1000 W (Output Power)	0.005 %
15406 kHz	FX	3K00R3E 3K00H3E 3K00J3E 3K00H8W	10000 W (Output Power)	0.005 %

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15406 kHz	FX	3K00J8W	10000 W (Output Power)	0.005 %
15407.5 kHz	FX	N0N 3K00A3E	10000 W (ERP)	0.005 %
15409 kHz	FX	3K00R3E 3K00H3E 3K00J3E 3K00H8W 3K00J8W	10000 W (Output Power)	0.005 %
21725.5 kHz	FX	3K00R3E 3K00H3E 3K00J3E 3K00H8W 3K00J8W	10000 W (Output Power)	0.005 %
21727 kHz	FX	N0N 3K00A3E	10000 W (ERP)	0.005 %
21728.5 kHz	FX	3K00R3E 3K00H3E 3K00J3E 3K00H8W 3K00J8W	10000 W (Output Power)	0.005 %
27738.5 kHz	FX	3K00R3E	1000 W (Output Power)	0.005 %

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27738.5 kHz	FX	3K00H3E 3K00J3E 3K00H8W 3K00J8W	1000 W (Output Power)	0.005 %
27740 kHz	FX	N0N 3K00A3E	1000 W (ERP)	0.005 %
27741.5 kHz	FX	3K00R3E 3K00H3E 3K00J3E 3K00H8W 3K00J8W	1000 W (Output Power)	0.005 %
29928.5 kHz	FX	3K00R3E 3K00H3E 3K00J3E 3K00H8W 3K00J8W	10000 W (Output Power)	0.005 %
29930 kHz	FX	N0N 3K00A3E	10000 W (ERP)	0.005 %
29931.5 kHz	FX	3K00R3E 3K00H3E 3K00J3E 3K00H8W	10000 W (Output Power)	0.005 %

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
29931.5 kHz	FX	3K00J8W	10000 W (Output Power)	0.005 %

Special Conditions:

(1) These frequencies are restricted to the following hours of operation:

0200-1800 GMT: 11761.5 kHz, 11763 kHz and 11764.5 kHz

0300-1300 GMT: 21725.5 kHz, 21727 kHz and 21728.5 kHz

0400-1000 GMT: 15406 kHz, 15407.5 kHz and 15409 kHz

1200-2200 GMT: 6151.5 kHz, 6153 kHz, 6154.5 kHz, 6171 kHz, 6172.5 kHz and 6174 kHz

Daytime from two hours after local sunrise until two hours before local sunset:
4795.5 kHz, 4797 kHz, 4798.5 kHz, 9655 kHz, 9657 kHz and 9658.5 kHz

Nighttime from two hours prior to local sunset until two hours after local sunrise:
29928.5 kHz, 29930 kHz and 29931.5 kHz

Anytime: 2396.5 kHz, 2398 kHz, 2399.5 kHz, 27738.5 kHz, 27740 kHz and 27741.5 kHz