

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

EXPERIMENTAL

(Nature of Service)

KA2XFC

(Call Sign)

XD FX MO

(Class of Station)

0065-EX-ML-1999

(File Number)

NAME FAIRFIELD INDUSTRIES, 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. 5.202(i) of the Commission's Rules

Station Locations

- (1) US; MOBILE: WITHIN CONTINENTAL UNITED STATES
- (2) US; MOBILE: Southeastern Texas and Louisiana, within 100 km, centered around NL 28-45-00; WL 89-39-00
- (3) US; MOBILE: Southeastern Texas and Louisiana, within 40 km, centered around NL 29-48-00; WL 89-00-00
- (4) US; MOBILE: Southeastern Texas and Louisiana, within 40 km, centered around NL 28-30-00; WL 91-36-00
- (5) US; MOBILE: Southeastern Texas and Louisiana, within 40 km, centered around NL 28-36-00; WL 93-45-00
- (6) US; MOBILE: Southeastern Texas and Louisiana, within 40 km, centered around NL 29-15-00; WL 92-30-00

Frequency Information

US; MOBILE: WITHIN CONTINENTAL UNITED STATES

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
215.5-216.88 MHz	FX	20K0A2D	2 W (ERP)	
215.5-216.88 MHz	FX	20K0F1D	2 W (ERP)	
215.5-216.88 MHz	MO	20K0A2D	2 W (ERP)	
215.5-216.88 MHz	MO	20K0F1D	2 W (ERP)	
216.45 MHz	FX	20K0A2D	100 W (ERP)	0.005 %
216.45 MHz	FX	20K0F1D	100 W (ERP)	0.005 %
216.45 MHz	MO	20K0A2D	100 W (ERP)	0.005 %

This authorization effective August 09, 2000 and
will expire 3:00 A.M. EST February 01, 2002

FEDERAL
COMMUNICATIONS
COMMISSION



Frequency Information

US; MOBILE: WITHIN CONTINENTAL UNITED STATES

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
216.45 MHz	MO	20K0F1D	100 W (ERP)	0.005 %
217.08-222 MHz	MO	20K0A2D	2 W (ERP)	
217.08-222 MHz	MO	20K0F1D	2 W (ERP)	
217.08-222 MHz	FX	20K0A2D	2 W (ERP)	
217.08-222 MHz	FX	20K0F1D	2 W (ERP)	
217.33 MHz	FX	20K0A2D	100 W (ERP)	0.005 %
217.33 MHz	FX	20K0F1D	100 W (ERP)	0.005 %
217.33 MHz	MO	20K0A2D	100 W (ERP)	0.005 %
217.33 MHz	MO	20K0F1D	100 W (ERP)	0.005 %
218.65 MHz	FX	20K0A2D	100 W (ERP)	0.005 %
218.65 MHz	FX	20K0F1D	100 W (ERP)	0.005 %
218.65 MHz	MO	20K0A2D	100 W (ERP)	0.005 %
218.65 MHz	MO	20K0F1D	100 W (ERP)	0.005 %
220.55 MHz	FX	20K0A2D	100 W (ERP)	0.005 %
220.55 MHz	FX	20K0F1D	100 W (ERP)	0.005 %
220.55 MHz	MO	20K0A2D	100 W (ERP)	0.005 %
220.55 MHz	MO	20K0F1D	100 W (ERP)	0.005 %

US; MOBILE: Southeastern Texas and Louisiana, within 100 km, centered around NL 28-45-00; WL 89-39-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
222-234 MHz	MO	20K0J2D	1 W (ERP)	0.005 %
222-234 MHz	FX	20K0J2D	1 W (ERP)	0.005 %

US; MOBILE: Southeastern Texas and Louisiana, within 40 km, centered around NL 28-30-00; WL 91-36-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
222-234 MHz	FX	20K0J2D	1 W (ERP)	0.005 %
222-234 MHz	MO	20K0J2D	1 W (ERP)	0.005 %

US; MOBILE: Southeastern Texas and Louisiana, within 40 km, centered around NL 28-36-00; WL 93-45-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
222-234 MHz	FX	20K0J2D	1 W (ERP)	0.005 %

Frequency Information

US; MOBILE: Southeastern Texas and Louisiana, within 40 km, centered around NL 28-36-00; WL 93-45-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
222-234 MHz	MO	20K0J2D	1 W (ERP)	0.005 %

US; MOBILE: Southeastern Texas and Louisiana, within 40 km, centered around NL 29-15-00; WL 92-30-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
222-234 MHz	FX	20K0J2D	1 W (ERP)	0.005 %
222-234 MHz	MO	20K0J2D	1 W (ERP)	0.005 %

US; MOBILE: Southeastern Texas and Louisiana, within 40 km, centered around NL 29-48-00; WL 89-00-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
222-234 MHz	FX	20K0J2D	1 W (ERP)	0.005 %
222-234 MHz	MO	20K0J2D	1 W (ERP)	0.005 %

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) The station identification requirements of Section 5.152 of the Commission's Rules are waived.
- (3) THIS AUTHORIZATION IS SUBJECT TO RULES PROMULGATING FROM PR DOCKET NO. 89-552.
- (4) OPERATIONS NEAR THE BAND 216.88-217.08 MHZ ARE SUBJECT TO IMMEDIATE ADJUSTMENT INCLUDING CESSATION IF INTERFERENCE IS CAUSED TO THE UNITED STATES NAVY SPASUR OPERATIONS. COORDINATION IS REQUIRED WITH CDR, NAVAL SPACE COMMAND, DAHLGREN, VA 22448, TELEPHONE 540-653-6190.
- (5) The following frequencies are to be notched out: 225.4, 229.4 and 233.7 MHz. The frequency 228.8 MHz shall not be used in AREA 2. The frequency 228.45 MHz shall not be used in AREA 6.
- (6) The operation in the band 222-234 MHz shall be used for testing of equipment for export.