

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

EXPERIMENTAL

(Nature of Service)

XC FX MO

(Class of Station)

KC2XAV

(Call Sign)

0024-EX-RR-2005

(File Number)

NAME MANUFACTURING TECHNOLOGY, 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(b) of the Commission's Rules

Station Locations

- (1) REPUBLIC (MARQUETTE), MI - NL 46-21-09; WL 87-51-32; MOBILE: REPUBLIC (MARQUETTE), MI, within 80.45 km, centered around NL 46-21-09; WL 87-51-32

Frequency Information

REPUBLIC (MARQUETTE), MI - NL 46-21-09; WL 87-51-32; MOBILE: REPUBLIC (MARQUETTE), MI, within 80.45 km, cen

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
150.92 MHz	FX	20K0G3E	120 W (ERP)	0.005 %
150.92 MHz	MO	20K0G3E	120 W (ERP)	0.005 %
150.98 MHz	FX	20K0G3E	120 W (ERP)	0.005 %
150.98 MHz	MO	20K0G3E	120 W (ERP)	0.005 %

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

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

REPUBLIC (MARQUETTE), MI - NL 46-21-09; WL 87-51-32; MOBILE: REPUBLIC (MARQUETTE), MI, within 80.45 km, cen

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
154.525 MHz	FX	20K0G3E	120 W (ERP)	0.005 %
154.525 MHz	MO	20K0G3E	120 W (ERP)	0.005 %
154.625 MHz	FX	20K0G3E	120 W (ERP)	0.005 %
154.625 MHz	MO	20K0G3E	120 W (ERP)	0.005 %

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by U.S. Navy Contract No. N00600-93-C-0614. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.