

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

EXPERIMENTAL

(Nature of Service)

WG2XFB

(Call Sign)

XT FX MO

(Class of Station)

0144-EX-RR-2016

(File Number)

NAME Navmar Applied Sciences Corporation

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(d) of the Commission's Rules

Station Locations

- (1) Warren Grove (OCEAN), NJ - NL 39-41-54; WL 74-23-46; MOBILE: airborne max altitude 14,000 ft AGL, within 14 km
- (2) Ivyland (BUCKS), PA - NL 40-13-39; WL 75-03-54

Frequency Information

Warren Grove (OCEAN), NJ - NL 39-41-54; WL 74-23-46; MOBILE: airborne max altitude 14,000 ft AGL, within 14 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
320 MHz	MO	300KF1D 230KF1D	1.8 W (ERP)	1.5 %
320 MHz	FX	300KF1D 230KF1D	1.8 W (ERP)	1.5 %
370 MHz	MO	230KF1D 300KF1D	1.8 W (ERP)	1.5 %

This authorization effective June 01, 2016 and
will expire 3:00 A.M. EST June 01, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Warren Grove (OCEAN), NJ - NL 39-41-54; WL 74-23-46; MOBILE: airborne max altitude 14,000 ft AGL, within 14 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
370 MHz	FX	230KF1D 300KF1D	1.8 W (ERP)	1.5 %
902-928 MHz	MO	300KF1D 230KF1D	1.65 W (ERP)	3 %
902-928 MHz	FX	300KF1D 230KF1D	1.65 W (ERP)	3 %
1380-1390 MHz	FX	230KF1D	1 W (ERP)	1.5 %
1445-1525 MHz	MO	18M0F3F	10 W (ERP)	1.5 %
1780 MHz	MO	18M0F3F	10 W (ERP)	
1820 MHz	MO	18M0F3F	10 W (ERP)	
2407.5-2467.5 MHz	FX	126KG7D	125 mW (Output Power)	

Frequency Information

Ivyland (BUCKS), PA - NL 40-13-39; WL 75-03-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
320 MHz	FX	300KF1D 230KF1D	1.8 W (ERP)	1.5 %
370 MHz	FX	230KF1D 300KF1D	1.8 W (ERP)	1.5 %
902-928 MHz	FX	300KF1D 230KF1D	1.65 W (ERP)	3 %
1380-1390 MHz	FX	230KF1D	1 W (ERP)	1.5 %
1445-1525 MHz	FX	18M0F3F	10 W (ERP)	1.5 %
1780 MHz	FX	18M0F3F	10 W (ERP)	
1820 MHz	FX	18M0F3F	10 W (ERP)	
2407.5-2467.5 MHz	FX	126KG7D	125 mW (Output Power)	