

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WH2XDE

(Call Sign)

0076-EX-RR-2016

(File Number)

NAME Kestrel Electronic Design LLC

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(j) of the Commission's Rules

Station Locations

- (1) Victor (ONTARIO), NY - NL 42-55-47; WL 77-27-00
- (2) Penn Yan (YATES), NY - NL 42-40-05; WL 77-04-28
- (3) Wayland (MIDDLESEX), MA - NL 42-21-55; WL 71-20-08
- (4) East Fallowfield (CHESTER), PA - NL 39-56-37; WL 75-50-41
- (5) Frederick (FREDERICK), MD - NL 39-29-31; WL 77-16-29

Frequency Information

Victor (ONTARIO), NY - NL 42-55-47; WL 77-27-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1.72-1.8 MHz	FX		5 kW (ERP)	
		150HA1A		
		2K60G7E		
		10K0G7E		
		2K60D7E		
		10K0D7E		
		20K0A3E		
		3K00J3E		

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

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Penn Yan (YATES), NY - NL 42-40-05; WL 77-04-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1.72-1.8 MHz	FX	150HA1A 20K0A3E 3K00J3E 2K60D7E 10K0D7E 2K60G7E 10K0G7E	5 kW (ERP)	

Wayland (MIDDLESEX), MA - NL 42-21-55; WL 71-20-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1.72-1.8 MHz	FX	150HA1A 20K0A3E 3K00J3E 2K60D7E 10K0D7E 2K60G7E 10K0G7E	5 kW (ERP)	

East Fallowfield (CHESTER), PA - NL 39-56-37; WL 75-50-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1.72-1.8 MHz	FX	150HA1A 20H0A3E 3K00J3E 2K60D7E 10K0D7E	5 kW (ERP)	

Frequency Information

East Fallowfield (CHESTER), PA - NL 39-56-37; WL 75-50-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1.72-1.8 MHz	FX	2K60G7E	5 kW (ERP)	

Frederick (FREDERICK), MD - NL 39-29-31; WL 77-16-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1.72-1.8 MHz	FX	150HA1A	5 kW (ERP)	
		20K0A3E		
		3K00J3E		
		10K0D7E		
		10K0G7E		
		2K60D7E		
		2K60G7E		

Special Conditions:

- (1) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.