

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

EXPERIMENTAL

(Nature of Service)

XC FX

(Class of Station)

WJ2XXT

(Call Sign)

0888-EX-CN-2018

(File Number)

NAME GIRD Systems, 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 and c) of the Commission's Rules

Station Locations

(1) US, US

Frequency Information

US, US

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2000-2100 kHz	FX	50K0V2D	3000 W (ERP)	0.001 %
4000-4100 kHz	FX	50K0V2D	3000 W (ERP)	0.001 %
5005-6210 kHz	FX	50K0V2D	3000 W (ERP)	0.001 %
6320-8250 kHz	FX	50K0V2D	3000 W (ERP)	0.001 %

This authorization effective March 05, 2019 and
will expire 3:00 A.M. EST December 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

US, US

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
10005-10100 kHz	FX	50K0V2D	3000 W (ERP)	0.001 %
11400-12200 kHz	FX	50K0V2D	3000 W (ERP)	0.001 %
13500-14990 kHz	FX	50K0V2D	3000 W (ERP)	0.001 %
15010-15100 kHz	FX	50K0V2D	3000 W (ERP)	0.001 %
20010-20100 kHz	FX	50K0V2D	3000 W (ERP)	0.001 %
25010-25100 kHz	FX	50K0V2D	3000 W (ERP)	0.001 %
30000-30100 kHz	FX	50K0V2D	3000 W (ERP)	0.001 %

Special Conditions:

- (1) The occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) 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.
- (3) Experimental use is secondary to, and must not interfere with, Flight Test operations
- (4) Licensee must provide notification to AFTRCC at least 24 hours in advance of operations via email to coord_hf@aftrcc.org, and include a current Stop Buzzer POC and phone number.
- (5) Renewal of this License is subject to prior coordination with AFTRCC Frequency Advisory Committee, www.aftrcc.org

Special Conditions:

- (6) Stop Buzzer is Ben Maxson, System Engineer, GIRD Systems, Inc. 513-218-2900, Extension 121
BMaxson@girdsystems.com
- (7) Use of the following Frequency Band is prohibited due to IB objection
 - 1) 5900-6200 KHz
 - 2) 7300-7400 KHz
 - 3) 11600-12100 KHz
- (8) Please note that following frequency changes have been made to avoid harmful interference to the STANDARD TIME AND FREQUENCY OPERATIONS.
 - 1) Frequency band request 10-10.1 MHz to 10.005-10.1 MHz
 - 2) Frequency band request 15-15.1 MHz to 15.01-15.1 MHz
 - 3) Frequency band request 20-20.1 MHz to 20.01-20.1 MHz
 - 4) Frequency band request 25-25.1 MHz to 25.01-25.1 MHz
- (9) Use of following Frequency Band is prohibited due to NTIA Objection
 - 1) 6625 - 6685 KHz