

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

EXPERIMENTAL

(Nature of Service)

XC FX MO

(Class of Station)

WI2XJN

(Call Sign)

0494-EX-CR-2021

(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(c) of the Commission's Rules

Station Locations

- (1) Cincinnati (HAMILTON), OH - NL 39-08-31; WL 84-31-12; MOBILE:within 30 km
- (2) Panama City (BAY), FL - NL 30-08-00; WL 85-44-38; MOBILE:within 95 km
- (3) San Diego (SAN DIEGO), CA - NL 32-43-31; WL 117-13-14; MOBILE:within 30 km

Frequency Information

Panama City (BAY), FL - NL 30-08-00; WL 85-44-38; MOBILE:within 95 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.2-2.3 GHz	MO	40M0M7D	100 W (ERP)	0.001 %
2.2-2.3 GHz	FX	40M0M7D	100 W (ERP)	0.001 %

Special Conditions:

- (1) The occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.

This authorization effective September 01, 2021 and
will expire 3:00 A.M. EST September 01, 2026

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by Naval Sea System Command contract no. N00024-65-C-4037. 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.
- (4) Transmissions at Cincinnati, OH are not approved due to harmful interference anticipated to federal earth station at Morehead, KY (NASA).
- (5) Transmissions at San Diego, CA are not approved due to harmful interference anticipated to federal earth station at Long Beach, CA (NASA).
- (6) Upon notification from the FCC, operation on 2200-2300 MHz at Panama City, FL is subject to immediate cessation, if it causes harmful interference to NASA operations space assignments.