

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

EXPERIMENTAL

(Nature of Service)

XC MO

(Class of Station)

WL2XJL

(Call Sign)

0907-EX-CN-2020

(File Number)

NAME Aerostar Technical Solutions

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 & J) of the Commission's Rules

Station Locations

- (1) MOBILE: MOEB Baltic, SD 250 mile radius, within 400 km, centered around NL 43-42-03; WL 96-42-27
- (2) MOBILE: MOEA Baltic, SD max altitude of 70,000 ft, within 400 km, centered around NL 43-42-03; WL 96-42-27

Frequency Information

MOBILE: MOEB Baltic, SD 250 mile radius, within 400 km, centered around NL 43-42-03; WL 96-42-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2380 MHz	MO	20M0D7W	63 W (ERP)	0.002 %

MOBILE: MOEA Baltic, SD max altitude of 70,000 ft, within 400 km, centered around NL 43-42-03; WL 96-42-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2380 MHz	MO	20M0D7W	25 W (ERP)	0.002 %

This authorization effective January 22, 2021 and
will expire 3:00 A.M. EST February 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) This frequency assignment in one of the bands 1435-1525, 2310-2320 and 2345-2390 MHz was coordinated prior to its authorization with AFMO CONUS, Ft. Sam Houston, TX, who also coordinated it, as appropriate, with the Aerospace and Flight Test Radio Coordinating Council. Use of this frequency under the authority of this assignment is subject to such further coordination with AFMO CONUS, Ft. Sam Houston, TX, as necessary to ensure compatibility with existing uses.
- (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) Non-interference basis to Flight Test telemetry within radio line-of-sight.
- (4) This coordination is for experimental purposes only and AFTRCC will not consider favorable coordination for this device/system in the frequency band 2360-2395 MHz if requested.
- (5) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by Defense Technical Information Center Contract Number FA8075-14-D-D0014. 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.
- (6) The use of this frequency can be rescinded at any time if any federal agency or agencies object to your operation.
- (7) Stop Buzzer POC: Martin Harms
Phone: 6053217162