

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

EXPERIMENTAL

(Nature of Service)

XC MO

(Class of Station)

WL2XIV

(Call Sign)

0909-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) of the Commission's Rules

Station Locations

- (1) MOBILE: MOEA Stanley, NM max altitude 70,000 ft., within 400 km, centered around NL 35-05-06; WL 105-58-56
- (2) MOBILE: MOEB Stanley, NM 250 mile radius, within 400 km, centered around NL 35-05-06; WL 105-58-56

Frequency Information

MOBILE: MOEA Stanley, NM max altitude 70,000 ft., within 400 km, centered around NL 35-05-06; WL 105-58-56

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

MOBILE: MOEB Stanley, NM 250 mile radius, within 400 km, centered around NL 35-05-06; WL 105-58-56

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

This authorization effective December 10, 2020 and
will expire 3:00 A.M. EST December 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) Subject to coordination with the Area Frequency Coordinator located at White Sands Missile Range, New Mexico, prior to use in the State of New Mexico or other U. S. Territory within a 150 mile radius of WSMR plus the area of Utah and Colorado that lies South of 41 degrees North and between 108 degrees and 111 degrees West. Phone: 505-678-5417 or 3702.
- (2) Strict non-interference basis to Flight Test telemetry activities within radio line-of-sight.
- (3) Mandatory scheduling via WSMR FrequencyRange control required prior to operations.
- (4) Operations must be scheduled with the DoD-AFC (WSMR) office, at least 96 hours prior to operation, via e-mail to usarmy.wsmr.imcom-central.list.dodafc@mail.mil.
- (5) AFC-WSMR reserves the right to add additional limitations, or even non-concur with this request, once they review the full FCC STA request, to be provided through the National Telecommunications and Information Administration (NTIA), Inter-department Radio Advisory Committee (IRAC), Frequency Assignment Subcommittee (FAS).
- (6) 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.
- (7) USE OF THIS FRQ OR BAND UNDER THE AUTHORITY OF THIS ASSIGN IS SUBJECT TO FURTHER COORDINATION WITH THE AFC, WSMR, NEW MEXICO, AS NECESSARY TO ENSURE COMPATIBILITY WITH THE EXISTING USES.