

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WL2XGA

(Call Sign)

0747-EX-CN-2020

(File Number)

NAME American Aerospace Technologies, 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(j) of the Commission's Rules

Station Locations

- (1) MOBILE: San Joaquin Valley Area, CA, within 105 km, centered around NL 35-31-11;
WL 120-00-37
- (2) MOBILE: San Joaquin Valley Area, CA, within 105 km, centered around NL 35-31-11;
WL 120-00-37

Frequency Information

MOBILE: San Joaquin Valley Area, CA, within 105 km, centered around NL 35-31-11; WL 120-00-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2360-2390 MHz	MO	20M0W7D	1010.88 W (ERP)	0.004 %
5150-5250 MHz	MO	20M0W7D	1995.86 W (ERP)	0.004 %

This authorization effective November 03, 2020 and
will expire 3:00 A.M. EST September 02, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: San Joaquin Valley Area, CA, within 105 km, centered around NL 35-31-11; WL 120-00-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2360-2390 MHz	MO	20M0W7D	12.72 W (ERP)	0.004 %
5150-5250 MHz	MO	20M0W7D	5.01 W (ERP)	0.004 %

Special Conditions:

- (1) In lieu of frequency tolerance, 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) This authorization SUPERSEDES the previously issued authorization with the same call sign and file number:
- (4) Scheduling is required prior to each flight operations via DoD Western Area Frequency Coordinator, as necessary to ensure compatibility with the existing uses. The applicant must submit request for scheduling a minimum of 72 hours prior to jamie.heaton@navy.mil.
- (5) A strict non-interference basis to DoD and Civil Flight test telemetry with mandatory scheduling is required.
- (6) The proponent will operate per the conditions of 2020-WSA-6333 COA, including a maximum ceiling of 5000 MSL, per the FAA Western Service Area, Tactical Operations Team.
- (7) During transmissions in the frequency band 2360-2390 MHz, aircraft shall not exceed the altitude required.
- (8) Operation is not permitted using the frequency band 5350-5470 MHz. The applicant can use 5150-5250 MHz instead of the frequency band 5350-5470 MHz.
- (9) Prior to commencing any operations in Aeronautical and Fixed frequencies (2360-2395 MHz), the applicant must coordinate with the Aerospace and Flight Test Radio Coordinating Council (AFTRCC).
- (10) Renewal license is subject to prior coordination with AFTRCC and FAA.