

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WR9XNC

(Call Sign)

XT MO

(Class of Station)

0105-EX-ST-2021

(File Number)

NAME American Aerospace Technologies, Inc

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

As part of the SIO program AATI is required to perform a flight demonstration with detect and avoid (DAA) equipment on board the UAS. The DAA radar equipment will only be used to collect

Station Locations

- (1) MOBILE: Buttonwillow Airport, airborne max alt 5,000ft MSL Buttonwillow, CA, within 85 km, centered around NL 35-21-12; WL 119-28-47

Frequency Information

MOBILE: Buttonwillow Airport, airborne max alt 5,000ft MSL Buttonwillow, CA, within 85 km, centered around NL 35-21-12; WL 119-28-47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24467.5-24512.5 MHz	MO	45M0FXN	192.82 W (ERP)	
24527.5-24572.5 MHz	MO	45M0FXN	192.82 W (ERP)	
24587.5-24632.5 MHz	MO	45M0FXN	192.82 W (ERP)	

This authorization effective February 15, 2021 and
will expire 3:00 A.M. EST August 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) 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.
- (2) FAA concurs with STA 0105-EX-ST-2021 with the understanding that the onboard DAA equipment is for the collection of experimental data, not actual collision avoidance.