

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

EXPERIMENTAL

(Nature of Service)

WR9XUZ

(Call Sign)

XT MO

(Class of Station)

0422-EX-ST-2021

(File Number)

NAME UP Aerospace 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:

The ground test session and launches will take place at Spaceport America in Truth or Consequences, NM with a tentative schedule of July, August, and October 2021.

Station Locations

- (1) MOBILE: Truth or Consequence, NM, within 75 km, centered around NL 32-56-24; WL 106-54-23

Frequency Information

MOBILE: Truth or Consequence, NM, within 75 km, centered around NL 32-56-24; WL 106-54-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2370.5 MHz	MO	1M00F1D	10 W (ERP)	0.002 %
2382.5 MHz	MO	1M00F1D	10 W (ERP)	0.002 %

This authorization effective August 01, 2021 and
will expire 3:00 A.M. EST January 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 authorization with the Area Frequency Coordinator, WSMR, NM, 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 the AFC, WSMR, NM, as necessary to ensure compatibility with the existing uses.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) 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.
- (4) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered.
- (5) In lieu of coordinating directly with DoD-AFC (WSMR), UP Aerospace must schedule and coordinate their spectrum requirements with the Spaceport America Technical Operations Manager, who, in turn, will schedule and de-conflict spectrum, and airspace, as applicable, with White Sands Missile Range (WSMR), through the WSMR Test liaison.
- (6) POC is Jay Francis at (603-429-0377).