

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

EXPERIMENTAL

(Nature of Service)

WM2XFT

(Call Sign)

XD MO

(Class of Station)

0874-EX-CN-2021

(File Number)

NAME Meta Special Aerospace

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: Manned aircraft Bethany, OK, 10000 ft to 25000ft MSL, within 50 km, centered around NL 35-31-22; WL 97-38-29
- (2) MOBILE: Wilmington, NC , Manned aircraft altitudes 10000 to 23000 ft AGL, within 50 km, centered around NL 34-12-02; WL 77-53-50
- (3) MOBILE: Carlsbad, CA ,Manned aircraft 10000 to 23000 ft AGL, within 50 km, centered around NL 33-09-29; WL 117-21-01

Frequency Information

MOBILE: Manned aircraft Bethany, OK, 10000 ft to 25000ft MSL, within 50 km, centered around NL 35-31-22; WL 97-38-29

| Frequency | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------|---------------|---------------------|------------------|---------------------------|
| 16.95 GHz | MO | 1G50F0N | 11350 W (ERP) | |

This authorization effective December 03, 2021 and will expire 3:00 A.M. EST December 01, 2023

**FEDERAL
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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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) The designated point-of-contacts to terminate transmissions if interference occurs are:
 Matt Marrapodi at 443-417-6812
 Kyle Cartheuser 910-554-6606
 Ryan Rosenthal at 405-406-1237.
- (5) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.