

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WL2XCQ

(Call Sign)

0555-EX-CN-2020

(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: Jonesboro, AR. Manned aircraft altitudes of 13000' - 23000' MSL, within 50 km, centered around NL 35-49-38; WL 90-36-14
- (2) MOBILE: Forrest City, AR. Manned aircraft altitudes of 13000' - 23000' MSL, within 50 km, centered around NL 34-59-59; WL 90-42-46

Frequency Information

MOBILE: Jonesboro, AR. Manned aircraft altitudes of 13000' - 23000' MSL, within 50 km, centered around NL 35-49-38; WL 90-36-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16.2-17.7 GHz	MO	1G50F0N	11350 W (ERP)	

MOBILE: Forrest City, AR. Manned aircraft altitudes of 13000' - 23000' MSL, within 50 km, centered around NL 34-59-59; WL 90-42-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16.2-17.7 GHz	MO	1G50F0N	11350 W (ERP)	

This authorization effective August 11, 2020 and
will expire 3:00 A.M. EST August 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (5) This authorization is without prejudice to any determination that the Commission may make regarding pending or future experimental satellite earth station applications.
- (6) Prior to commencing any operations in the 17.3-17.7 GHz band frequency band, Meta Special Aerospace must notify the earth station licensees listed below of its test dates and provide a stop buzzer in case of interference:

Name: DIRECTV Enterprises, LLC
Phone Number: 301-663-0053
E-Mail: jwengryniuk@directv.com
Attention: Mr Jack M Wengryniuk

Name: DIRECTV Enterprises, LLC /AT&T
Phone Number: m +1.202.412.5623|o +1.202.457.2141
E-Mail: raquel.noriega@att.com
Attention: Raquel Noriega

Name: DISH Operating L.L.C.
Phone Number: 202-463-3709
E-Mail: Alison.Minea@dish.com
Attention: Alison Minea
Contact: Charles Ergen
Company: DISH Network
Email: charlie.ergen@dish.com

- (7) The designated point-of-contacts to terminate transmissions if interference occurs are:
Kyle Cartheuser 910-554-6606
James Crawford 405-620-2050
John Coots 303-625-3588