

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

EXPERIMENTAL

(Nature of Service)

WQ9XWI

(Call Sign)

XT MO

(Class of Station)

0952-EX-ST-2020

(File Number)

NAME Meta Special Aerospace

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:

General integration and testing of the radar for demonstration purposes.

Station Locations

- (1) MOBILE: Arapaho, OK. Radar flying at 18,000 feet, within 80.5 km, centered around NL 35-34-12; WL 98-57-36
- (2) MOBILE: Gulf of Mexico, Radar flying at 18,000 feet, within 80.4 km, centered around NL 26-40-00; WL 83-10-00
- (3) MOBILE: Gulf of Mexico, Radar flying at 18,000 feet, within 80.4 km, centered around NL 26-00-00; WL 82-30-00

Frequency Information

MOBILE: Arapaho, OK. Radar flying at 18,000 feet, within 80.5 km, centered around NL 35-34-12; WL 98-57-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16.2-17.25 GHz	MO	1G05Q3N	2000 W (ERP)	0.001 %

This authorization effective August 06, 2020 and
will expire 3:00 A.M. EST January 16, 2021

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COMMUNICATIONS
COMMISSION**



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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) Meta Special Aerospace must provide scheduled test dates to EAFC at 45sw.dodeafc@us.af.mil