

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

EXPERIMENTAL

(Nature of Service)

WQ9XEH

(Call Sign)

XT MO

(Class of Station)

0203-EX-ST-2020

(File Number)

NAME Capella Space Corp.

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 radar will periodically transmit short bursts of electromagnetic waves towards the ground. The nominal height above ground (AGL) of the aircraft will be 6500 ft.

Station Locations

- (1) MOBILE: Hayward Executive Airport, Hayward, CA, within 70 km, centered around NL 37-39-20; WL 122-07-12
- (2) MOBILE: Montgomery-Gibbs Executive Airport, San Diego, CA, within 70 km, centered around NL 32-48-57; WL 117-08-22

Frequency Information

MOBILE: Hayward Executive Airport, Hayward, CA, within 70 km, centered around NL 37-39-20; WL 122-07-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9.3-9.9 GHz	MO	520MF0N	800 W (ERP)	0.0001 %

This authorization effective March 03, 2020 and
will expire 3:00 A.M. EST August 31, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Montgomery-Gibbs Executive Airport, San Diego, CA, within 70 km, centered around NL 32-48-57; WL 117-08-22

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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) Capella Space Corp must coordinate with the following:
 - a. Jamie Heaton, jamie.heaton@navy.mil, DOD Western Area Frequency Coordinator, Comm: 760-939-6832, DSN: 437-6832 for operations within 70 km of Montgomery-Gibbs Executive Airport in San Diego.
 - b. Naval Surface Warfare Center, Dahlgren Division (NSWCDD), group email box; W_DLGR_NSWC_FTMA_FM@navy.mil a minimum of 60-days prior to the flight test. Also provide a Stop Buzzer POC. Primary frequency coordination contacts; Mr. James Moneyhon, (540)653-3477- james.moneyhon@navy.mil, Mr. A. Jason Verdugo, 540-653-9590 – Anthony.J.Verdugo@navy.mil, and/or Mrs. Lory Santiago, (540)-653-0096 – lory.santiago@navy.mil.
 - c. Provide a Stop Buzzer POC to Adrian Mendoza, adrian.mendoza@navy.mil, Spectrum Manager, Naval Information Warfare Center Pacific.
 - d. Provide a Stop Buzzer POC to James D. Hunt III, james.d.hunt2@navy.mil, and NMSC_N92_NMCSO_SOUTHWEST_ALL@navy.mil, Navy and Marine Corps Spectrum Office Southwest, primary contact number: 619-545-9889, secondary number: 619-545-9978, and AWH number (cell): 619-405-4339.