

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

EXPERIMENTAL

(Nature of Service)

WT9XHE

(Call Sign)

XC MO

(Class of Station)

1961-EX-ST-2021

(File Number)

NAME Joby Aero, 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:

To test and develop of new technology. See exhibit

Station Locations

- (1) MOBILE: San Francisco, CA, within 3 km, centered around NL 37-49-26; WL 122-26-59
- (2) MOBILE: Alameda, CA, within 3.5 km, centered around NL 37-46-30; WL 122-20-55

Frequency Information

MOBILE: San Francisco, CA, within 3 km, centered around NL 37-49-26; WL 122-26-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
420-449.775 MHz	MO	25K0F1D	2 W (ERP)	0.0005 %
2200-2220 MHz	MO	17M8D7W	4 W (ERP)	0.0005 %
2268-2288 MHz	MO	17M8D7W	4 W (ERP)	0.0005 %

This authorization effective February 04, 2022 and will expire 3:00 A.M. EST July 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Alameda, CA, within 3.5 km, centered around NL 37-46-30; WL 122-20-55

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
420-449.775 MHz	MO	25K0F1D	2 W (ERP)	0.0005 %
2200-2220 MHz	MO	17M8D7W	4 W (ERP)	0.0005 %
2268-2288 MHz	MO	17M8D7W	4 W (ERP)	0.0005 %

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) Operations are on a non-interference basis (NIB) and shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating stations. Joby Aero, Inc. should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee will be subject to immediate shut down. Joby Aero, Inc. should also be aware that long-term or multiple-location use of the requested frequency band may not be possible, and Joby Aero, Inc. shall have no expectations that future requests for operational use of this frequency band will be approved.
- (4) Joby Aero, Inc. shall be aware of the difficulty associated with coordinating aeronautical mobile assignments for new and existing users of the band 2200-2290 MHz when the necessary bandwidth exceeds 5 MHz, and Joby Aero, Inc. shall have no expectations that future requests for these operations will be approved.
- (5) No emissions are permitted in the 2215-2219 MHz and 2280.4-2284.6 MHz bands due to harmful interference to the federal earth station located at Berkeley, CA.
- (6) Joby Aero, Inc. shall pre-coordinate airborne use of this system in the 2200-2290 MHz band with agencies owning earth stations listed in Section 8.3.15 of the NTIA Manual whenever the system operates from an airborne platform within 880 km (546.8 mi) of such stations (the predetermined coordination distance specified in Appendix 7 of the ITU Radio Regulations (Table 10)).
- (7) Joby Aero, Inc. shall not introduce high-density mobile systems in the band 2200-2290 MHz in accordance with Footnote 5.391 to the National Table of Frequency Allocations.

Special Conditions:

- (8) 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.
- (9) The designated point-of-contact to terminate transmissions if interference occurs is Greg Belaus at (408) 398-8615.
- (10) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by the U.S. Government. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.