

REQUEST FOR EXPERIMENTAL STA

Pursuant to Sections 5.3(j) and 5.51(a) of the Commission's rules, Joby Aero, Inc. ("Joby") hereby requests Special Temporary Authority ("STA") to operate a new conventional experimental radio service station in the 420-449.775 MHz, 2200-2220 MHz and 2268-2288 MHz bands. As set forth below, favorable action on this request will serve the public interest, convenience and necessity.

Joby develops and manufactures major aircraft components. Joby requests STA to test and evaluate the performance characteristics of aircraft radio equipment manufactured by:

- Microhard (Model# p400) in the 420-449.775 MHz band;
- Silvus (Model# SC4200) in the 2200-2220 and 2268-2288 bands

Joby will use the STA to conduct flight tests, with radio transmitters deployed in aircraft (2200-2220 MHz and 2268-2288 MHz), and in temporarily located ground control stations (420-449.75 MHz, 2200-2220 and 2268-2288 MHz bands). Flight tests typically will be one hour in duration and will take place in the areas specified in the STA, with airborne operations up to a maximum altitude of 5,000 feet above mean sea level. Aircraft test equipment will be operated only in one aircraft at a time for each location, though multiple aircraft may operate the equipment on any given day. Aircraft and ground test equipment will be operated at one location at a time. Flight testing is an integral and necessary component of Joby's on-going efforts to obtain FAA flight certification for new aircraft technology it is developing.

Joby understands that its proposed use will be on a non-interference basis. Prior to operating, Joby will monitor the band to determine whether the band is available for use. In the event it determines that its operations may be causing interference to another user, it will suspend transmissions. The stop buzzer contact for the proposed operations is:

Greg Belaus
Joby Aero, Inc.
(408) 398-8615

The STA will aid Joby in the testing and development of new technology of potential future benefit to the public. Accordingly, FCC approval of this request will serve the public interest, convenience and necessity.