

REQUEST FOR SPECIAL TEMPORARY AUTHORITY

Pursuant to Sections 5.61 of the Commission's rules, Joby Aero, Inc. ("Joby") requests Special Temporary Authority ("STA") to operate a new conventional experimental radio service station for a period of 180 days.¹

Joby develops and manufactures major aircraft components. Joby requests an experimental license in order to test and evaluate the performance characteristics of radio equipment manufactured by Microhard (Model# P400) in the 488-494 and 500-506 MHz bands for redundant flight telecommand and telemetry purposes. Aircraft using the equipment will operate in the band during daylight hours. Flight tests typically will be one hour in duration and will utilize the requested frequencies up to a maximum altitude of 15,000 feet above mean sea level. Test equipment will be operated on a maximum of two aircraft at a time at each location, though multiple aircraft may operate the equipment on any given day, and two ground stations at each location.

Joby also requests that the FCC expressly exempt the proposed station from the station identification requirements set forth in Section 5.115 of the Commission's rules.² This rule section provides that licensees may be exempted from these requirements if so specified by the terms of their station authorization. Because the subject equipment is not capable of transmitting station identification information in the mode required, Joby respectfully requests that any authorization issued for the proposed station include a condition expressly exempting the station from Section 5.115 of the Commission's rules.

Joby understands that its proposed use will be on a non-interference basis. Joby will coordinate with the DoD Western Area Frequency Coordinator ("WAFC") and the Society of Broadcast Engineers ("SBE") before commencing operations. In addition, Joby will monitor the band before commencing operations and will suspend operations in the event harmful interference should occur. The stop buzzer contact for the proposed operations is:

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

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

¹ 47 C.F.R. § 5.61

² 47 C.F.R. § 5.115.