

## REQUEST FOR EXPERIMENTAL LICENSE

Pursuant to Sections 5.3(j) and 5.51(a) of the Commission's rules, Joby Aero, Inc. ("Joby") requests a new conventional experimental radio service station license for a period of two years.<sup>1</sup> The purpose of this license will be to test the efficacy of radio equipment for continuous digital voice transmission during flight in connection with Joby's testing and development of new flight technology.

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 Motorola (Model# XTL 2500) in the 420-449.775 MHz band for digital voice transmission. The proposed operations will be ground-based, transmitting to test aircraft operating around the fixed locations specified in the Form 442 up to an altitude of 15,000 feet. Flight tests typically will be one hour in duration and will utilize one or more channels in the requested frequency range.

Joby understands that its proposed use will be on a non-interference basis. At the commencement of operations, Joby will monitor the channels. In the event it determines the channels are currently occupied by another user, it will suspend transmissions on that channel to prevent causing harmful interference.

Joby also requests an exemption from the station identification requirements set forth in Section 5.115 of the Commission's rules.<sup>2</sup> This rule section provides that licensees may be exempt from station identification 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 it from Section 5.115.

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.

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<sup>1</sup> 47 C.F.R. §§ 5.3(j), 5.51(a)

<sup>2</sup> 47 C.F.R. § 5.115