

## REQUEST FOR EXPERIMENTAL LICENSE

Pursuant to Section 5.61 of the Commission's rules, Joby Aero, Inc. ("Joby") hereby requests a new conventional experimental radio license ("EX License") for a period of two years.<sup>1</sup> The purpose of this license is to operate and test the efficacy of radio equipment for continuous data transmission purposes in connection with Joby's testing and development of new flight technology.

Joby is a well-known developer of unmanned aircraft technology. On June 4, 2024, Joby acquired Xwing, a leading developer of complementary products with a particular focus on military aircraft. Joby is seeking experimental license authority to test wireless radio equipment in connection with its ongoing testing and development of unmanned aircraft technology. Flight tests will have a duration of approximately five hours or less and will take place primarily during daylight hours up to a maximum altitude of 15,000 feet above mean sea level. Test equipment is operated only in one aircraft at a time, though multiple aircraft may operate the equipment on any given day.

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 understands that transmissions in the 2360-2395 bands will require coordination with AFTRCC.

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.

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<sup>1</sup> 47 C.F.R. § 5.61

<sup>2</sup> 47 C.F.R. § 5.115

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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.