



APR 03 2018

Carl Suttle, President
FlyThisSim Inc.
3534 Empleo St, Suite B
San Luis Obispo, CA 94301

Dear Mr. Suttle:

The Federal Aviation Administration (FAA) has qualified and approved your airplane FlyThisSim Inc. model Fixed Wing TouchTrainer AATD as an Advanced Aviation Training Device (AATD) in accordance with Title 14 of the Code of Federal Regulations (14 CFR) 61.4(c).

Review of the Qualification and Approval Guide (QAG) dated March 26, 2018 and completion of the functional evaluation conducted on November 28, 2017 verified that the FlyThisSim Inc. model Fixed Wing TouchTrainer AATD meets the airplane AATD approval criteria as provided in Advisory Circular (AC) 61-136A, *FAA Approval of Aviation Training Devices and Their Use for Training and Experience*. The FlyThisSim Inc. model Fixed Wing TouchTrainer AATD is approved for use in satisfying the following sections of parts 61 and 141:

FlyThisSim Inc. Model Fixed Wing TouchTrainer AATD
Airplane Single and Multiengine
Advanced Aviation Training Device (AATD)

- § 61.51(b)(3) – Logbook entries;
- § 61.51(h) – Logging training time;
- § 61.57(c) – Instrument experience;
- § 61.57(d)(1)(ii) – Instrument proficiency check, per the Instrument ACS;
- § 61.65(i) – Instrument rating; up to 20 hours;
- § 61.109(k)(1) – Private Pilot Certificate aeronautical experience: up to 2.5 hours;
- § 61.129(i)(1)(i) – Commercial Pilot Certificate: up to 50 hours;
- § 61.159(a)(4)(i) – Airline Transport Pilot Certificate: up to 25 hours; and
- § 141.41(b) Approved for use under the part 141 appendices as follows:
 - *Appendix B* – Up to 15% toward the total Private Pilot training time requirements;
 - *Appendix C* – Up to 40% toward the total Instrument training time requirements;
 - *Appendix D* – Up to 20% toward the total Commercial Pilot training time requirements;

- *Appendix E* – Up to 25% toward the total Airline Transport Pilot training time requirements;
- *Appendix F* – Up to 5% toward the total Flight Instructor training time requirements;
- *Appendix G* – Up to 5% toward the total Flight Instructor Instrument training time requirements;
- *Appendix I, Private Pilot adding Airplane Category and Single Engine or Multiengine Class Rating Course* – Up to 3 hours toward the training time requirements;
- *Appendix I, Commercial Pilot adding Airplane Category and Single Engine or Multiengine Class Rating Course* – Up to 11 hours toward the training time requirements;
- *Appendix I, Airline Transport Pilot adding Airplane Category and Single Engine or Multiengine Class Rating Course* – Up to 6.25 hours toward the training time; and
- *Appendix M, Combined Private Pilot Airplane Certification and Instrument Rating* – Up to 25% toward the total training time requirements

Note: Minimum training or experience requirements for cross country, night, solo, takeoffs and landings, and the 3 hours of training with an authorized instructor in preparation for the practical test within the preceding 2 calendar months from the month of the test must be accomplished in an aircraft. Private Pilot Airplane applicants must also accomplish the minimum requirement for 3 hours of control and maneuvering of an airplane solely by reference to instruments specified in § 61.109 in an airplane. Additionally, no portion of the practical test or type specific training credit can be conducted in an AATD.

This approval is contingent upon the following conditions and limitations:

- (1) This AATD must maintain its performance and function without degradation. The minimum instrument requirements specified under § 91.205 for day visual flight rules (VFR) and instrument flight rules (IFR) must be functional during the training session;
- (2) Only the aircraft make/model and configurations that are in the approved QAG can be utilized. A copy of the FAA approved QAG detailing the approved makes, models, and configurations must be provided to the operator and be readily available when the AATD is in use;
- (3) A copy of this letter of authorization (LOA) must be readily available in a location near the device when in use. Additionally, a copy must be provided to the person using the above credits for pilot certification or ratings;
- (4) When used for instructional purposes, only an appropriately qualified FAA-certificated flight instructor may make any subsequent endorsements and/or pilot

logbook entries;

- (5) Any changes or modifications to this AATD which have not been individually reviewed, evaluated, and approved in writing by the General Aviation and Commercial Division (AFS-800) will terminate this LOA; and
- (6) The FAA reserves the right to withdraw this LOA at any time if the Administrator determines that this AATD has been used in a manner contrary to the conditions and limitations described within this LOA, FAA regulation, guidance, or safety.

This approval is valid for sixty (60) calendar months from the date of this letter. Any requests for a new LOA should be made in writing to AFS-800 at least 90 days in advance of expiration. AFS-800 may require a review of the QAG, an on-site functional evaluation, and a verification of all the requirements as described in the current publication of AC 61-136, before a new LOA can be issued.

This approval expires on April 30, 2023.

The enclosed signed QAG and Appendix is approved and a copy of this letter is retained in our files.

Sincerely,

HELEN D KNIGHT Digitally signed by HELEN D
KNIGHT
Date: 2018.04.03 14:15:32 -05'00'

For Shawn M. Hayes
Manager, Airman Training and Certification Branch
General Aviation and Commercial Division

Enclosures