



U.S. Department
of Transportation
**Federal Aviation
Administration**

800 Independence Ave. SW
Washington, DC 20591

OCT 02 2017

Mr. Mike Altman
CEO, Precision Flight Controls, Inc.
2747 Mercantile Drive, Ste 100
Rancho Cordova, CA 95742

Dear Mr. Altman:

The Federal Aviation Administration (FAA) has qualified and approved your helicopter Precision Flight Controls, Inc. model Heli-Sim H-206 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 July 2017 and completion of the functional evaluation conducted on August 18, 2017 verified that the Precision Flight Controls, Inc. model Heli-Sim H-206 meets the helicopter 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 Precision Flight Controls, Inc. model Heli-Sim H-206 helicopter AATD is approved for use in satisfying the following sections of parts 61 and 141:

Precision Flight Controls, Inc. Model Heli-Sim H-206
Rotorcraft-Helicopter
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 PTS/ACS;
- § 61.65(i) – Instrument rating up to 20 hours;
- § 61.129(i)(1)(ii) – Commercial Pilot Certificate: up to 25 hours;
- § 61.161(b)(2) – Airline Transport Pilot Certificate: up to 25 hours; and
- § 141.41(b) – Approved for use under the Part 141 Appendices as follows:
 - *Appendix C* – Up to 40% toward the total instrument flight training time requirements;
 - *Appendix D* – Up to 20% toward the total Commercial Pilot flight training time requirements;
 - *Appendix E* – Up to 25% toward the total Airline Transport Pilot flight training time requirements;

- *Appendix F* – Up to 5% toward the total Flight Instructor flight training time requirements;
- *Appendix G* – Up to 5% toward the total Flight Instructor instrument flight training time requirements;
- *Appendix I* – Up to 3 hours toward the Private Pilot Helicopter Class Rating Course flight training time requirements;
- *Appendix I* – Up to 6 hours toward the Commercial Pilot Helicopter Class Rating Course flight training time requirements;
- *Appendix I* – Up to 6.25 hours toward the Airline Transport Pilot Helicopter Course flight training time requirements; and
- *Appendix M* – Up to 25% toward the total Combined Private Pilot Helicopter Certification and Instrument Rating flight training time requirements.

Based on the on-site evaluation and the allowance provided by §61.4, the administrator has determined that the Precision Flight Controls, Inc. model Heli-Sim H-206 is approved to provide up to a maximum of 7.5 hours of the aeronautical experience requirements for the Private Pilot helicopter certificate specified in 14 CFR parts 61 and 141, applicable to the areas of operations and tasks specified in the helicopter practical test standards. An authorized instructor must provide the training appropriate to the category and class (Rotorcraft-Helicopter).

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. Additionally, no portion of a 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 continue to maintain its performance and function without degradation. The minimum instrument requirements specified under § 91.205 for day visual flights rules (VFR) and instrument flight rules (IFR) must be functional during the training session;
- 2) Only the aircraft configurations that are in the approved QAG are utilized during training;
- 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 AFS-800 will terminate this LOA; and
- 6) The FAA reserves the right to revoke this LOA at any time if the Administrator determines that this AATD is used in a manner contrary to 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 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 09/30/2022.

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

Sincerely,

**SHAWN M
HAYES**

Digitally signed by
SHAWN M HAYES
Date: 2017.10.02
15:23:20 -04'00'

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

Enclosure