



MAR 08 2016

Mr. Adriano Oliveira
SBPA Simulators
Avenida Unisinos, 950 sala 208
UNITEC Technological Park 93022-000
São Leopoldo – RS Brazil

Dear Mr. Oliveira:

The Federal Aviation Administration (FAA) has qualified and approved your helicopter SBPA Simulators model SIMULAER XR22-44 as an Advanced Aviation Training Device (AATD) in accordance with Title 14 Code of Federal Regulations (14 CFR) section (§) 61.4(c).

Review of the Qualification and Approval Guide (QAG) dated August 27, 2015 and completion of the operational evaluations, conducted on December 2, 2015 and February 18, 2016, verified that the SBPA Simulators model SIMULAER XR22-44 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 SBPA Simulators model SIMULAER XR22-44 is approved as an AATD and authorized for use in satisfying the following sections of 14 CFR parts 61 and 141:

SBPA Simulators Model SIMULAER XR22-44
Rotorcraft Helicopter
Advanced Aviation Training Device (AATD)

- § 61.51(b)(3)(iii) – Logbook entries;
- § 61.51(h)(1) – Logging training time;
- § 61.57(c) – Instrument experience;
- § 61.57(c)(4)(iii) – Instrument experience;
- § 61.57(c)(5)(ii) – Instrument experience;
- § 61.57(d)(1)(ii) – Instrument proficiency check, per the Instrument PTS;
- § 61.65(i) – Instrument rating;
- § 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* – As allowed under 4(b) 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 SBPA Simulators model SIMULAER XR22-44 is qualified to provide up to a maximum of 7.5 hours of the aeronautical experience requirements for the Private Pilot helicopter certificate specified in 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).

Please note that the minimum training or experience requirements for cross country, night, solo, takeoffs and landings, and the 3 hours of training within 2 calendar months of the practical test must be accomplished in an aircraft. Additionally, practical tests cannot be accomplished in an AATD.

This approval is contingent upon the following conditions and limitations:

- 1) This Aviation Training Device (ATD) 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;
- 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 rated FAA-certificated flight instructor may make any subsequent endorsements and/or pilot logbook entries;

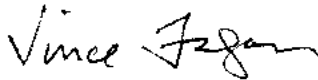
- 5) Any changes or modifications to this ATD which have not been individually reviewed, evaluated, and approved in writing by the General Aviation and Commercial Division (AFS-800) will terminate this LOA; and
- 6) The FAA reserves the right to revoke this LOA at any time if the Administrator determines that this ATD is used in a manner contrary to 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 evaluation, and a verification all of the requirements as described in the current publication of AC 61-136 before a new LOA can be issued.

This approval expires on 03/31/2021.

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

Sincerely,



for James A. Viola
Manager, General Aviation and Commercial Division
Flight Standards Service