



SEP 11 2013

John Dixon  
President & CEO  
Elite Simulation Solutions  
5700 Dot Com Court, Suite 1010  
Oviedo, FL 32765

Dear Mr. Dixon:

The Federal Aviation Administration (FAA) has qualified and approved your helicopter model TH-100 as an Advanced Aviation Training Device (AATD) in accordance with Title 14 Code of Federal Regulations (14 CFR) section (§) 61.4(c).

The on-site functionality test conducted on September 6, 2012 and October 15, 2012 verified that the Elite Simulation Solutions model TH-100 meets the FAA Administrator's helicopter AATD approval criteria. The Elite Simulation Solutions model TH-100 is approved as an AATD and authorized for use in satisfying the following sections of 14 CFR parts 61 and 141:

**Elite Simulation Solutions Model TH-100 Helicopter  
Advanced Aviation Training Device (AATD)**

- § 61.51(b)(3)(iii) – Logbook entries;
- § 61.51(h)(1) – Logging training time;
- § 61.57(c)(2) – 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(h)(2) – Instrument rating: Up to 20 Hours;
- § 61.129(i)(1)(i) – Commercial Pilot Certificate: up to 50 hours;
- § 61.159(a)(3)(i) – 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 Course flight training time requirements; and
- *Appendix M* – Up to 25% toward the total Combined Private Pilot Certification and Instrument Rating flight training time requirements.

Based on the on-site evaluation, the administrator has determined that the TH-100 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 14 CFR §§ 61 and 141, applicable to the areas of operations and tasks specified the helicopter practical test standards. An authorized instructor must provide the training appropriate to the category and class (Rotorcraft-Helicopter). This credit excludes any training required in the aircraft such as cross country, night, solo, or preparation for the practical test, etc.

**This approval is contingent upon the following:**

- 1) This aviation training device must continue to maintain its performance and function without degradation;
- 2) A copy of this authorization and approval letter must be readily available in a location near the device when in use;
- 3) An authorized instructor must provide and certify the above instruction if used for certification;
- 4) Any changes or modifications to this aviation training device which have not been reviewed, evaluated, and approved by AFS-800 will terminate this letter of approval; and
- 5) The FAA reserves the right to revoke this authorization at any time if the Administrator determines that this training device is used contrary to FAA regulation or safety.

**This initial approval will be valid for 60 calendar months from the date of this letter. Renewal requests should be made prior to the expiration (90 days in advance) by letter to AFS-800, and the above contingencies (1) through (5) remain valid. AFS-800 will**

**conduct, at a minimum, a review of the QAG, and verify compliance with the current AC for their approval and use, before a renewal letter of approval can be provided.**

Sincerely,

A handwritten signature in black ink, appearing to read "James A. Viola". The signature is written in a cursive style with a large initial "J" and "V".

James A. Viola  
Manager, General Aviation and Commercial Division