



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

800 Independence Ave., SW.
Washington, DC 20591

Mr. Mike Altman
CEO, Precision Flight Controls, Inc.
11340 White Rock Road, Suite 100
Rancho Cordova, CA 95742

Dear Mr. Altman:

The Federal Aviation Administration (FAA) approved and authorized your CR-12 device as an **Advanced Aviation Training Device (AATD)** on June 28th, 2009 in accordance with Title 14 Code of Federal Regulations (14 CFR) (§) 61.4(c).

The revised **Qualification Approval Guide** identifying the CR-12 device is approved as requested. The CR-12 is authorized for use in satisfying the following sections of Title 14 of the Code of Federal Regulations parts 61 and 141:

**Precision Flight Controls Model CR-12
Advanced Aviation Training Device (AATD)**

- § 61.51(b)(3)(iii) & (h) - Simulated instrument conditions; 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 FAA-S-8081 (latest version);
- § 61.65(h)(2) - Instrument Rating: Up to 20 Hours;
- § 61.109(k)(1) - Private Pilot Certificate: Up to 2.5 Hours;
- § 61.129(i)(1)(i) - Commercial Certificate: Up to 50 Hours;
- § 61.159(a)(3)(i) - Airline Transport Pilot Certificate: Up to 25 Hours;

- § 141.41(b) - Approved for use under the Part 141 Appendices as follows:
 - Appendix B* - Up to 2.5 hours towards the total *Private Pilot* flight training time requirements
 - Appendix C* - Up to 40% towards the total *Instrument Rating* flight training time requirements;
 - Appendix D* - Up to 20% towards the total *Commercial Pilot* flight training time requirements;
 - Appendix E* - Up to 25% towards the total *Airline Transport Pilot* flight training time requirements;
 - Appendix F* - Up to 5% towards the total *Flight Instructor* flight training time requirements;
 - Appendix G* - Up to 5% towards the total *Flight Instructor Instrument* flight training time requirements;
 - Appendix I* - *Private Pilot Airplane Single Engine or Multiengine Class Rating Course*- Up to 3 hours towards the required flight training time requirements;
 - Appendix I* - *Commercial Pilot Airplane Single Engine or Multiengine Class Rating Course*- Up to 11 hours towards the required flight training time requirements;
 - Appendix I* - *Airline Transport Pilot Airplane Multiengine Class Rating Course*- Up to 6.25 hours towards the flight training time;

Appendix M - Up to 25% towards the total Combined Private Pilot Certification and Instrument Rating flight training time requirements

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 approval letter must be readily available in a location near the device;
- (3) An authorized instructor must provide and certify the above instructional use;
- (4) Any changes or modifications to this device which have not been reviewed, evaluated and approved by AFS-800 will cause FAA's approval to become null and void; and
- (5) The FAA reserves the right to revoke this authorization at any time if the Administrator determines that this training device is being used contrary to FAA regulation or safety.

Revision Page

Revision No.	Date	Device
1	04-23-2012	CR-12

This renewal certification is valid for sixty (60) calendar months. 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 review the QAG to determine if the device meets the current guidelines for approval.

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

Sincerely,



Dennis Pratte,
Deputy Division Manager, General Aviation and Commercial Division

Enclosure