



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

# Advisory Circular

**Subject:** COMPUTER-ASSISTED AIRMEN  
KNOWLEDGE TESTING

**Date:** 5/3/89  
**Initiated by:** AVN-130

**AC No:** AC 61-102  
**Change:**

**1. PURPOSE.** This advisory circular announces the implementation of a prototype computerized airmen knowledge testing method applicable to all Federal Aviation Administration (FAA) pilot and flight engineer certification areas and disseminates information to all interested commercial vendors desiring to qualify as FAA-approved computer testing designees (CTD's).

**2. RELATED PUBLICATIONS.** Order 8080.1D, Conduct of Airmen Written Tests.

**3. BACKGROUND.** Historically, knowledge tests for FAA airmen certificates and ratings have been administered via the written method. In recognition of the success of computer testing programs used by various schools, industrial firms, and government entities throughout the United States, the FAA has approved airmen knowledge testing via the computer medium since 1986. Computer-assisted airmen knowledge testing is currently limited to FAA designated written test examiners who qualify under the provisions of Order 8080.1D, chapter 6, paragraph 78; and also to FAR Part 141 Pilot Schools who qualify under requirements which parallel those outlined in Order 8080.1D.

**4. DEFINITION.** Computer testing designee (CTD). A key official employed by a company, school, or university authorized to administer FAA knowledge tests via the computer medium.

**5. DISCUSSION.** The FAA plans to expand computer-assisted knowledge testing making it available to all applicants for airmen certificates and ratings. The program will evaluate the feasibility of adopting computer-assisted knowledge testing for all airmen certificates and ratings; however, parallel written testing procedures will continue for the foreseeable future.

**6. PROCEDURES AND STANDARDS.** The Aviation Standards National Field Office (AVN), Examinations Standards Branch, AVN-130, will be the approving authority for the CTD. Approval will be coordinated with the Airmen and Aircraft Registry Division, AVN-400, to assure computer compatibility. FAA designation will be based upon level of compliance with the experience and support requirements, and the technical specification criteria established by AVN. FAA district offices will continue jurisdiction over written test examiners and pilot schools operating under FAR Part 141 using previously established guidelines for computerized testing.

**7. INQUIRIES.** Potential CTD's seeking further information concerning computerized airmen knowledge testing may contact the Operations Standards Section, AVN-131, telephone (405) 680-4149 or write to the following address:

Aviation Standards National Field Office  
Examinations Standards Branch (AVN-130)  
P.O. Box 25082  
Oklahoma City, OK 73125

Robert L. Goodrich  
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