

AC NO: Announcement  
147-4

DATE: 9/3/74



# ADVISORY CIRCULAR

## DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

**SUBJECT:** REPORT AVAILABILITY OF A SURVEY OF TEXT MATERIALS USED IN  
AVIATION MAINTENANCE TECHNICIAN SCHOOLS - *IN FILE*

1. **PURPOSE.** This advisory circular announces the public availability of the 1974 report on A Survey of Text Materials Used in Aviation Maintenance Technician Schools.
2. **BACKGROUND.** The research reported in this survey was performed by the University of California, Los Angeles, pursuant to a contract with the Federal Aviation Administration (FAA). Principal investigators were Dr. David Allen and William K. Bowers. Points of view or opinions expressed in the report do not necessarily represent the official FAA position or policy.
3. **DESCRIPTION.** This report documents the results of a national survey of book publishers and aviation maintenance technician schools to:
  - a. Identify the text materials used in the training of aviation mechanics.
  - b. Appraise the suitability and availability of identified text materials.
  - c. Determine the adequacy of the text materials in meeting the curricula requirements of FAA Federal Aviation Regulations, Part 147.

The investigators surveyed 239 book publishing firms and 105 aviation maintenance technician schools. There were 4,349 students who participated in a reading experiment and 103 instructors who administered the reading experiment in 41 aviation maintenance technician schools. Both students and instructors evaluated the text materials used in the reading experimental study.

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4. FINDINGS. Results of the study provided the following:

- a. Determination of the availability of commercially published text materials.
- b. Determination of price ranges for the available text materials.
- c. Determination of technical accuracy of the available text materials.
- d. Determination of the subject content quality in the text materials from the standpoint of learning effectiveness.
- e. Determination of the subject coverage and relevance of text materials to FAR Part 147 curricula requirements.

5. OBTAINING COPIES. The public can obtain copies of A Survey of Text Materials Used in Aviation Maintenance Technician Schools by ordering the report from the:

National Technical Information Service  
Springfield, Virginia 22151

Identify the report by title and number, AD 783-183. Send a check or money order, made payable to the National Technical Information Service, in the amount of \$5.00 for a paperbound copy. A microfiche copy is available for \$1.45.



C. R. MELUGIN, JR.  
Acting Director, Flight Standards Service

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