



AC NO: 21-15

DATE: 4/5/77

ADVISORY CIRCULAR

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

NEW ISSUANCE SYSTEM FOR "AIRCRAFT TYPE CERTIFICATE DATA SHEETS AND SPECIFICATIONS" AND "AIRCRAFT ENGINE AND PROPELLER TYPE CERTIFICATE DATA SHEETS AND SPECIFICATIONS"

1. PURPOSE. This Circular provides information concerning a change in the manner of issuing and selling the subject publications which, effective January 1, 1977, will be issued in six volumes.
2. BACKGROUND.
 - a. The Type Certificate Data Sheets and Specifications (hereafter referred to as data sheets) are documents needed by persons performing airworthiness inspections and altering aeronautical products. For several years the data sheets have been produced and sold as two publications: One publication containing aircraft data sheets; the other, aircraft engine and propeller data sheets. This arrangement resulted in numerous complaints from members of the aviation community who objected to the price and to the necessity of having to purchase all of the data sheets in order to obtain the few they wanted or needed.
 - b. To alleviate this situation, several alternatives were considered for rearranging the data sheets into smaller less costly groupings. The alternatives considered ranged from selling the data sheets individually to grouping them in some convenient manner (i.e., either by manufacturer or aircraft configuration and weight).
 - c. The large number of individual data sheets (approximately 1,000) and the number of aeronautical product manufacturers (approximately 325) make it impractical and uneconomical to sell the data sheets either individually or grouped by manufacturer. The most practical method, both administratively and for the consumer, is to separate the data sheets into groups using aircraft weight and configuration as the criteria.
 - d. Rearranging the data sheets into easy-to-handle groups will allow persons to purchase them for a specific category of aircraft in

which they have an interest. This will result in significant savings for those persons who do not need all of the material.

3. DESCRIPTION OF SYSTEM. Principle features of the new issuance system are:

- a. Format. The data sheets are separated into six volumes. The volume titles and their contents are:
 - (1) Volume I -- Single-Engine Airplanes - contains material for all single-engine, fixed wing airplanes regardless of maximum certificated takeoff weight.
 - (2) Volume II -- Small Multiengine Airplanes - contains material for multiengine, fixed wing airplanes of 12,500 pounds or less maximum certificated takeoff weight.
 - (3) Volume III -- Large Multiengine Airplanes - contains material for multiengine, fixed wing airplanes of more than 12,500 pounds maximum certificated takeoff weight.
 - (4) Volume IV -- Rotorcraft, Gliders, and Balloons - contains material for all rotorcraft, gliders and manned balloons.
 - (5) Volume V -- Aircraft Engines and Propellers - contains material for engines and propellers of all types and models.
 - (6) Volume VI -- Aircraft Listing and Aircraft Engine and Propeller Listing - contains information pertaining to older aircraft, engines and propellers which is not subject to frequent revisions.
- b. Scope. Effective January 1, 1977, the data sheets will be sold only in the new groupings (printing to be completed sometime in April 1977). Subscribers who received monthly supplemental service to the two-volume system (published in 1974) will continue to receive courtesy supplements to that system from FAA through April 1977.
- c. Subscription Service. Volumes I through V will be sold on a subscription basis. Subscription service includes the basic volume which incorporates all current data sheets and specifications issued through December 31, 1976, and monthly supplements for a two-year period.
- d. Single-Sale Item. Because of infrequent changes to the material therein, Volume VI will be available as a single-sale item. Changes will be incorporated in revised editions.

4. HOW TO ORDER. For convenience, order forms are attached. If the forms have been removed submit your order as follows:

- a. Submit orders for single-sale item and subscription service on different order forms. Place your name and mailing address on each order, because subscription and nonsubscription orders are separated for processing when received by the Superintendent of Documents.
- b. Be sure to identify the publications wanted by title, volume number, and list ID or stock number.

VOLUMES SOLD ON SUBSCRIPTION SERVICE

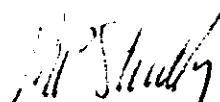
<u>Volume</u>	<u>Title</u>	<u>List ID</u>	<u>Domestic*</u>	<u>Foreign</u>
I	Single-Engine Airplanes	TCDS1	\$38.00	\$47.50
II	Small Multiengine Air- planes	TCDS2	\$28.00	\$35.00
III	Large Multiengine Air- planes	TCDS3	\$32.00	\$40.00
IV	Rotorcraft, Gliders, and Balloons	TCDS4	\$16.50	\$20.75
V	Aircraft Engines and Propellers	TCDS5	\$27.00	\$33.75

VOLUME SOLD ON SINGLE - SALE BASIS

<u>Volume</u>	<u>Title</u>	<u>Stock No.</u>	<u>Domestic*</u>	<u>Foreign</u>
VI	Aircraft Listing and Aircraft Engine and Propeller Listing	050-007- 00360-9	\$4.15	\$5.20

*Domestic prices include the United States and its possessions only.

- c. Send a check or money order, payable to the Superintendent of Documents, with your order in the amounts indicated. Full payment must be received with the order. No C.O.D. orders are accepted.
- d. Mail the order to the Superintendent of Documents, U.S. Government Printing Office, Washington D.C. 20402.



R. P. SKULLY
Director, Flight Standards Service

4/5/77

AC No. 21-15
Appendix I

SUBSCRIPTION ORDER FORM

TYPE CERTIFICATE DATA SHEETS AND SPECIFICATIONS

TO: Superintendent of Documents
U. S. Government Printing Office
Washington, D. C. 20402

Enclosed is check, money order or International Postal Money Order made payable to the Superintendent of Documents for the volumes indicated.

<u>VOL.</u>	<u>TITLE</u>	<u>LIST ID</u>	<u>DOMESTIC</u>	<u>FOREIGN</u>	<u>NO. COPIES</u>	<u>TOTAL</u>
I	Single Engine Airplanes	TCDS1	@ \$38.00	\$47.50	_____	_____
II	Small Multiengine Air- planes	TCDS2	@ \$28.00	\$35.00	_____	_____
III	Large Multiengine Air- planes	TCDS3	@ \$32.00	\$40.00	_____	_____
IV	Rotorcraft, Gliders, and Balloons	TCDS4	@ \$16.50	\$20.75	_____	_____
V	Aircraft Engines and Propellers	TCDS5	@ \$27.00	\$33.75	_____	_____

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