

tails such as painting on his numbers, etc., before the first flight of the first D-8. It must be remembered that the D-8 design is the most recent of a long line of successful aircraft designs using the same basic structure, controls, etc., which have been flying very successfully over many years. Aerodynamically, the design job is simple compared with a powered aircraft where you have to worry about such things as trim change with power, destabilizing effect of power, wide center of gravity range, etc.

## OSTIV News

OSTIV is the international organization concerned with the scientific and technical aspects of soaring. There is an "OSTIV Section" in each issue of the monthly Swiss magazine, *Aero Revue*, which is sent to all OSTIV members. Dues for 12 months (begins with either Jan. or July) are \$4, c/o London Gliding Club, 3 Cork St., London W.1, England.

The "OSTIV Sections" of the February and March issues of *Aero Revue* each consisted of two papers presented at the 1963 OSTIV Congress, as follows: "Gedanken zur Entwicklung von Laminarprofilen" (in German), by Dr. Reimar Horten; "The Design of a Glider Winch," by J. D. Brouwer; "Flutter Characteristics of a Sailplane Wing," by Dr. Piero Morelli; and "Flight Measurement of Dynamic Loads on Gliders," by two Polish authors. The March issue also contained some comments by Raymond Sirretta, Editor of *Aviasport*, on "Quo Vadis—Standard Class" which appeared in the August issue; and, elsewhere in the issue, an article on test-flying the new Elfe-MN sailplane which has a glide ratio of 42-46 to 1 at 61 mph.

The OSTIV Board met in Zurich in February and decided to have the 10th OSTIV Congress at South Cerney, England, from June 5-13, 1965, in conjunction with the World Soaring Championships. OSTIV will sponsor a wave-soaring course at Aosta, Italy, from Aug. 20-Sept. 3, 1964, and a technical course on flight-testing Standard Class sailplanes at the OSTIV Research Center in Varese, Italy, from Sept. 6-19, 1964. Readers interested in attending either of these courses may obtain more details from SSA or OSTIV. Later this year the re-

sults of the work done at last year's technical course on the evaluation of two-seaters and training problems will be published. An OSTIV Training Development Panel will be organized during 1964, also

## Materials Available

The SSA has a variety of items available on a free distribution basis, unless otherwise specified. Request by item number or names from SSA, Box 66071, Los Angeles, California 90066.

Item 3. FAI soaring awards application forms.

Item 4. SSA membership application forms (postage-paid business reply envelopes).

Item 6. "SOARING. . . The S.S.A. . . . and YOU" pamphlets, telling about the sport of soaring, glider pilot certificates, how soaring is organized, what the SSA is and what it does, and how to get started in soaring. Ideal for answering the questions of prospective soaring enthusiasts.

Item 7. List of Soaring Clubs. Gives club addresses, meeting times and places, flying sites and contact persons. Specify states desired.

Item 8. List of Manufacturers and Suppliers of Plans, Kits, Partially completed and Ready-to-fly Gliders and Sailplanes

—U.S. Manufacture. Includes brief description, price, manufacturer's name and address. New equipment only.

Item 9. List of Soaring Schools and Commercial Glider Operators in the U.S., giving location, equipment and prices, where known.

Item 10. List of Books on Soaring, where they may be obtained, prices and brief description of each.

Item 24. Incorporation Procedures—California. Intended to show nonprofit soaring clubs the way to incorporate, with specific details for the state of California.

Item 25. Suggested Bylaws for Soaring Clubs. For those seriously attempting to form new clubs.

Item 28. Used Sailplanes For Sale List. All known used sailplanes for sale for which the owner has given permission to add to this list. Latest revision date is March 18th.

Item 30. Film Library List, with rules governing use of the films. Request from Walter B. Hausler, 67 Fisher Rd., Rochester 11, N.Y.

Item 38. How to Start a Soaring Club. Six pages of suggestions.

Item 39. State Soaring Records Rules and Application Form. Available from State Governors or SSA.

Item 42. List of Foreign Aero Clubs and Soaring Centers. Addresses to use when writing for information about soaring abroad.

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