

HP-10 SAILPLANE KITS

ALL METAL — HIGH PERFORMANCE

Designed by Dick Schreder

SEND \$2.00 FOR TECHNICAL BROCHURE, COLORPHOTO, PRICES
HELISOAR AIRCRAFT INC. DANBURY, CONN. P. O. BOX 603

Transistorized Flight Gyro SYSTEM



This Newly Developed and PROVEN
Gyro Horizon System Available
For 6 or 12 VDC Operation.

ALL EQUIPMENT SERVICED AND CERTIFIED
BY FAA APPROVED PERSONNEL.

One Year Guarantee

Descriptive Literature and Prices
Will Be Supplied Upon Request.

CONSOLIDATED INSTRUMENT CO., INC.

TETERBORO, AIRPORT, NEW JERSEY • U.S.A.

FAA STATION No. 3501
Phone Code 201-AT 8-1189

CHARTER FLIGHT TO ENGLAND

**For SSA Members and their Families
To the 1965 World Soaring Championships**

The Flight leaves Los Angeles, Friday, via TWA, May 24.
Continues from New York, Saturday, via Sabena, May 25.

Returns to New York, June 29.
Returns to Los Angeles, June 29.

Price: Round trip fare from Los Angeles, \$331.
Round trip fare from New York, \$189.

There are only a limited number of seats available
Reservations will be held on first request basis.

A deposit of \$50 per person is required
Send check or money order to, SSA Charter Flights 1965.

For information write:
SSA Charter Flights 1965
P.O. Box 812
Pacific Palisades,
California

SSA Charter Flights 1965.

Name _____

Address _____

Phone _____

No. of persons _____
(Please print)

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) re \$4, c/o London Gliding Club, 3 Cork St., London W.1, England.

The OSTIV section of *Aero Revue* contained the following papers:
April. Flight Measurement of Dynamic Loads on Gliders, by Wanda Szemplinska-Stupnicka and Ludomir Laudanski, Department of Flight Mechanics, Politechnika, Warsaw.

Meteorology and Soaring Flight, by P. Wachter (both in English)

May. An Index for Predicting Flight Reliability of Sailplanes in Thermal Soaring, by Clarence D. Cone, Jr. (in English)

July. The Influence of Aspect Ratio on Maximum Cruising Speed of a Cross Country Sailplane, Part II, by Dpl. Ing. H. W. Wippermann (in German)

Small Competition Sailplanes, by B. J. Cijan and B. S. Shenstone.

August. Continuously Variable Aerofoil Shapes by Boris J. Cijan (In English).

September. Situation d'Ondes au-dessus des Alpes par Foehn du Nord, by Plinio Rovesti, Study Center for Alpine Soaring, Varese.

Long Soaring Flights

Information received by SSA indicates that the following soaring flights of over 150 miles have been made in the recent past.

July 3; Mervin Hicks; 230 mi.; from Colorado Springs, Colo., to McCook, Neb.; RH-3; 5:07 hr.; to claim Dia. goal, Gold dist. and completion of Gold badge.

July 3; Cecil Craig; 190 mi.; from Wenatchee, Wash., to Kellog, Idaho; L-K; 7:21 hr.; to earn Dia. goal and Gold dist.

Wave Flights

Recent noteworthy wave soaring flights that have come to the attention of the editor. All altitudes above sea level.

Sept. 5; Robert Poling; Cumberland, Md.; airport, 780'; release, 2780'; high, 15,040'; gain, 12,260'; 1-23H-15; 4:15 hr.; to earn Gold alt.

Sept. 5; Robert Wasley; Reno, Nev.; take-off, 5000'; release, 6000'; high, 20,100'; gain, 14,100'; 1-26; 2:15 hr.; to earn Gold alt.