

## EL MIRAGE FIELD, HOME OF THE BG-12's



and Briegleb Soaring School, Box 101, Adelanto, Calif.

Flight Measurements" — Miss B. Woodward, Meteorology Research Inc., Altadena, California, U.S.A.  
 "The Velocity Profile of Thermals (A Review)" — Dr. J. P. Kuettner, NASA, Marshall Space Flight Center, Huntsville, Alabama.  
 "Influence of the Wind on the Gliding Characteristics of a Sailplane" — Prof. Dr. Ing. Piero Morelli, Italy.  
 "Optimum Speed for Distance Flight" — O. Niehuss, U.S.A.  
 Round Table Discussion — Joint Technical and Meteorological Panel.

### METEOROLOGY

#### Flight Meteorological Reviews

"Condiciones del Vuelo a Vela en la Argentina y en Europa (Una Comparacion)" — Prof. Dr. Ing. W. Georgii, Munich, Germany.  
 "Forecasting for Gliding" — C. E. Wallington, Meteorological Research Division, Porton, England.  
 "Convective and Wave Clouds as seen from the Tiros Meteorological Satellite" — R. Rados, NASA, Goddard Space Flight Center, Greenbelt, Maryland, U.S.A.  
 "Typical Conditions Favorable for Gliding in the Pampa Wilderness"

— J. Escutary, Meteorological Division FAVAV, Argentina.

#### Turbulence & Convection

"The Nature of Clear Air Turbulence" — Prof. Dr. E. Reiter, Colorado State University, Fort Collins, U.S.A.

"Preliminary Results of Turbulence Flight Research" — L. Larsson, Flygflottiljen, Frosön, Sweden.

"The Use of Squall Lines for Long Distance Flights in Argentina" — E. Liechtenstein and Dr. M. L. Altinger de Schwarzkopf, Buenos Aires, Argentina.

"Flight Measurements of Isolated Thermals" — Miss B. Woodward, Meteorology Research Inc., Altadena, California, U.S.A.

#### Airflow over Mountains

"Mesures aérologiques dans les Alpes Françaises du Sud" — N. Gerbier et M. Berenger, Météorologie Nationale, Paris, France.

"Las Situaciones Ondulatorias en la Val Padana con Foehn del Norte" — P. Rovesti, Centro Studi del Vola a Vela Alpino, Varese, Italy.

"Flying in Waves from Small Hills" — A. H. Yates, City of Bath Technical College, England.

"On the Relationship between

Mountain Waves and Squall Lines" — H. Klieforth, Airforce Cambridge Research Center, Edwards Air Force Base, California.  
 "Airflow over Small Hills" — Bartkowski Zygmunt, Polish Institute for Hydrology and Meteorology (PIHM), Warszawa, Poland.

"Considérations Générales Théorétiques et Expérimentales sur les Mouvements Ondulatoires" — N. Gerbier et P. Cachera, Météorologie Nationale, Paris, France.

### Papers to be Printed

Most of the above papers will be printed in the "OSTIV Section of future issues of the monthly Swiss magazine, *Aero Revue*. A subscription to this magazine is one of the main benefits of an individual membership in OSTIV, dues for which are \$4/yr., to be remitted to OSTIV, c/o the London Gliding Club, 22 Half Moon Street, London, W.1, England. These 12-month memberships begin either January 1st or July 1st and qualify individuals to buy OSTIV publications at cost.

After most of the 9th OSTIV Congress papers have been printed in *Aero Revue* they will be reprinted in a separate book to be titled OSTIV Publication VII, which should be available for sale some time in 1965.

### OSTIV Trophy

During the 1956 OSTIV Congress it was decided to award, at the official prize-giving of future Soaring Championships, a trophy to the designer(s) of the Standard Class sailplane being the best combination of cheapness, simplicity and efficiency (good performance). The object of this award is to encourage design of Standard Class sailplanes in furtherance of the World Soaring Championships and to help develop the soaring movement in the world.

The first award of this trophy was in 1958 to Rudolf Kaiser of Germany for having designed the Ka-6BR. In 1960 the trophy was awarded to Rudiger Kunz of Austria for his Standard Austria.

This year, after flight tests and other evaluations had been made of six sailplanes entered in the competition for this trophy at the World Championships, the judges awarded the trophy to the designers of the Finnish PIK-16C (Arrow), Tuomo Tervo, Jorma Jalkanen and Kurt Hedstrom. A photograph and basic specifications for this design were printed in the January issue of *Soaring*.

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