

# OSTIV ANNOUNCEMENT

## OSTIV CONGRESS — UVALDE 1991 A most successful event

With the General Conference on August 9th, OSTIV finished its XXII Congress at Uvalde, Texas. President Dr. Manfred E. Reinhardt, Vice President Lock M.M. Boermans and six members of the Board were unanimously re-elected for the period of the next two years 1991 to 1993. Francois Ragot, aeronautical engineer and famous French glider pilot, was elected the seventh member of the Board. The chairmen of the Technical Section, Winfried Feifel, and the Scientific Section, Prof. Wallington, remain unchanged. Also the chairmen of the Sailplane Development Panel, Prof. Piero Morelli, the Meteorological Panel, Prof. Wally Wallington, and the Training and Safety Panel, Mr. William Scull.

The 22nd OSTIV Congress convened in Uvalde, Texas from August 1 through August 9, 1991 as always, in conjunction with the World Gliding Championships. The meeting facilities were provided by the South West Texas Junior College (SWTJC), which is located next to the airport. This closeness of location allowed an ideal interaction between the competition pilots, the ground crews, sailplane designers, and conference participants.

The Conference was opened with a ceremony at the Tate Meeting Hall of SWTJC, followed by a splendid reception hosted by the ranch "Casa de Leona" near Uvalde.

During the opening ceremony OSTIV President Dr. Manfred Reinhardt gave to Mr. Cedric Vernon the highest OSTIV award, the OSTIV Plaque with Klemperer Award for his outstanding contribution to the technical development of sailplanes through the past 40 years. As an aeronautical engineer, glider test pilot, member of the Technical Committee of the British Gliding Association, OSTIV editor, and member of the OSTIV Sailplane Development Panel, Mr. Vernon has made decisive contributions to the OSTIV Airworthiness Standards. These standards have been adopted by many countries as the basis for sailplane certification.

The OSTIV Diploma for the "most noteworthy Technical Paper" of the 21st OSTIV Congress at Wiener Neustadt was awarded by the OSTIV Board to Mr's. Hansman, Crawley and Kaempf for their paper "Experimental Investigation of the Crashworthiness of Scaled Composite Sailplane Fuselages." The authors work will further increase sailplane safety and save lives.

Winners of the OSTIV Diploma in the Scientific Section were Dr. H. Schmidt and Dr. U. Schumann for their presentation of "Structure of the Convective Boundary Layer Derived from Large Eddy Scale Simulations." Closing only by computer simulations the theoretical gap of development of thermals, forming bubbles and finding also bubbles in the bubble as in real soaring experience.

The OSTIV Congress is generally subdivided into Techni-

cal Sessions and Scientific Sessions dealing mainly with meteorology.

During the Congress, thirty-seven papers were presented in the technical sessions. Subjects included the "World Class" developments, speed-to-fly, wing profiles, glide calculators, jettisoning canopies, undercarriage structure, and turnpoint verification theory and practice.

The meteorological sessions dealt with structures of the convective boundary layer, similar over mountains and an "icebreeze" phenomenon. Ray Linskey of New Zealand, who did the first 2000 km flight, gave a particularly well illustrated talk on mountain waves and long distance flying utilizing waves. A medical paper on hyperventilation effects and risks concluded the Scientific Sessions.

In between the meetings, on August 5, 1991, the Conference members had the opportunity to enjoy the Southern Texas hospitality with a bus excursion, arranged by the very active "Chili Peppers" ladies club of Uvalde. We visited ranches, the magnificent First Bank of Uvalde with its beautiful displayed collection of fine furnishings and famous works of art, the fascinating full size replica of the Alamo village and a cave. The day ended with dinner and an insight into future development potential of Southwest Texas.

Throughout the Congress, sessions were well attended and papers were actively discussed.

The closing of the OSTIV Congress was followed by a dinner at the Country Club of Uvalde. Everyone enjoyed the evening. We shall never forget the charm, the friendship and the overwhelming hospitality of our new found Texan friends.

To finish with an early announcement: The next OSTIV Congress will be held at Borlange airport in Sweden. Borlange is situated about 220 km northwest of Stockholm and can be reached by car or via domestic flight on Linjeflyg (out of Stockholm-Arlanda International Airport).

Preparation is underway to hold the OSTIV Congress and the Sailplane Development Panel meeting at a conference center at the airport. Accommodations will be either at a motel near the airport or in the town of Borlange (8 km from the airport).

The Royal Swedish Aeroclub, together with the Swedish Sports of Aviation, looks forward to hosting the 1993 OSTIV Congress and invite all of us to join in Sweden.

Dr. Manfred Reinhardt, OSTIV President  
Winfried Feifel, Chairman Technical Section  
Prof. Wally Wallington, Chairman Scientific Section  
Jan-Eric Olsson, SDP Panel Member and OSTIV Representative of Sweden