

TOLEDO MEET

The Toledo Glider Club will again sponsor the Midwest Soaring Contest which will be held at the Toledo Municipal Airport on Friday, Saturday and Sunday, June 29th, 30th and July 1st. This is the fourth annual contest and the following perpetual trophies will be competed for:

The Toledo Glider Club Perpetual Trophy for Midwest Champion. This trophy was won by Richard Comey in 1948, by Paul Bikle in 1949 and by Major Floyd Sweet in 1950.

The Libbey-Owens-Ford Glass Company Perpetual Trophy for greatest distance presented for the first time last year was won by E. F. Knight.

The Nicholas Building Company Perpetual Trophy for greatest duration presented for the first time last year was won by Major Floyd Sweet.

In addition to these prizes there will be Goal Prizes presented by various cities in the area, a prize for greatest altitude and miscellaneous merchandise prizes for various events. Cash prizes will be announced at a later date.

We have picked this week end for the Midwest Contest as we thought that this might increase the entries with many of the pilots driving to the Nationals from the West Coast.

—ED KNIGHT.

● Electric Variometer

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knew just when to pull up and-or make quick 360° turns in small upward gusts. One time in particular I hung on for about ½-hour at no greater than 500 feet altitude near the New York-Massachusetts border making quick turns every time the climb needle bumped upward. Finally a good thermal broke loose and saved me from landing.

I find that the best lift area of nearly all thermals I have soared in is extremely small and even when making the minimum radius soaring turn (Standard LK) the electric variometer always reads higher on one side of the turn. This indicates which way to edge over next time around. Very often while making the shortest possible soaring turn I get zero lift or even sink on one side each time around. When soaring with other gliders I usually find myself making smaller radius turns than the others.

* Tungsten oxidizes in air and is N.G.

REFERENCES

"Flight Without Power," Barringer, p 148-159, description of mechanical and electrical variometers.

Patent 2214181, Sept. 10, 1940, "Rate of Climb Responsive Means."

Patent 2509889, May 30, 1950, "Differential Altimeter."

Patent 1789358, July 1, 1930, "Method and Apparatus for Ascertaining the Rate of Flow of Fluid."

Western Electric Co., 195 Broadway, New York, N.Y.: SI-1353, "Tentative Information, D-170575 Thermistor."

General Electric Co., Apparatus Department, Schenectady, N.Y.: Publication "GEC-579, Long Scale Panel Instruments, Types DO-81, -81, -83."

Littlefuse Co., Chicago, Illinois. Mfr. of 1/100 amp platinum filament fuses available in most radio and electric supply stores.

● Directors Meeting

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test.

3. Numbers assigned the contestants at the 18th would be permanent for the future.

4. Take off procedure would probably be by the "demand system" similar to that used in Inter-



Suzanne Melk (left) and Ginny Bennis pose during Southeastern States Soaring Meet at Sanford, Fla. Sailplane is the Air 100 used by Miss Melk at the contest.

SUZANNE MELK

Died recently at Durham, No. Carolina, Suzanne Melk, one of the best known feminine French soaring pilots. Mrs. Melk was well known to the USA glider pilots, having participated in several soaring contests flying an Air 100 sailplane. She held several soaring records, one of which is still in the international category, that of multiplace duration, 16 hrs. 3 min. established on March 25, 1947 with Therese Bouquet as passenger at La Montagne Noire, France.

During the war Suzanne Melk served as ferry pilot with Free French Air Force in Africa, ferrying among other planes, Bell P-39 and Republic P-47 fighters. She held the rank of Lieutenant.

—ALEXIS DAWDYDOFF.

national competitions.

The meeting was adjourned for lunch.

The meeting was re-convened at 2:00 P.M. with all in attendance except Paul Schweizer and F. B. Compton who had left by Constellation for N. Y. Following discussion of many things the only official action taken was on National Defense, which is mentioned elsewhere in this issue.

Adjournment was at 4:15 P.M.

In addition to those heretofore mentioned we were also honored by the presence of Mmes. Mulloy, Yerian, Thomas, Sweet, Raspet, Carsey, Coverdale, and Miss Sally Cason, Editorial Assistant.

It was agreed by all that the meeting was one of the most profitable for soaring and the most pleasant that has been held. Thanks and expressions of gratitude were numerous for Eugart and Virginia Yerian and Bob and Martha Lou Thomas who were responsible for the many pleasantries of the occasion.

(Editors Note)—Due to the Secretary's illness the above report was prepared by Jon and Mary Carsey.