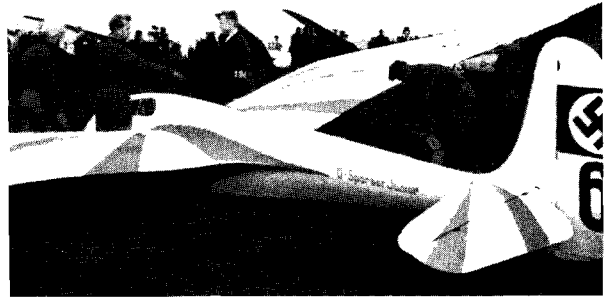


A Rhönsperber taking off



Hanna Reitsch's Special Rhönsperber Junior

The Rhönsperber High-Performance Sailplane

ONE of the most outstanding sailplanes of modern design built in Germany is the Rhönsperber, which is named for a small hawk found in the Rhön Mountains. It was designed by Hans Jacob at Darmstadt and is manufactured by Flugzeugbau Schweyer A. G., Mannheim, Ludwigshafen.

Of the many outstanding flights made with Rhönsperbers, the most notable was the world record distance flight of 313 miles made in July, 1935, by a Rhönsperber, which was one of the three sailplanes making this distance on the same day. A Rhönsperber also holds the goal record of 240 miles. One German pilot reports soaring his "Sperber" to over 10,000 feet three times.

It holds an unrestricted license for aerobatics. Hanna Reitsch dived her "Sperber" up to 240 m.p.h. and during its test flights it was put through 42 turns of a spin, losing 6,300 feet of altitude in two minutes and 45 seconds.

Of particular interest to American pilots is the news that Emil Lehecka of the Metropolitan Soaring Association has ordered a Rhönsperber, which he plans to fly at the 8th Annual National Soaring Contest in June. He has been appointed the distributor of this sailplane in the United States.

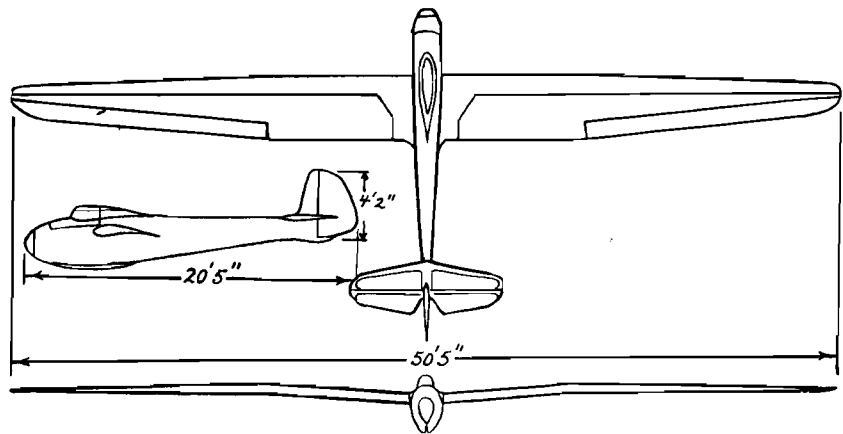
Of standard all-wood construction the Rhönsperber is a full-cantilever, mid-wing design of excellent performance. It was designed especially for cross-country flying and is very clean and fast.

The specifications and performance figures are as follows:

Span	50 ft. 5 in.	Weight empty	340 lbs.
Length	20 ft. 5 in.	Disposable load	210 lbs.
Height	4 ft. 3 in.	Gross weight	550 lbs.
Wing Area	164 sq. ft.	Sinking Speed 2 ft. 5 in. per sec.	
Aspect Ratio	1:15.6	Gliding Angle	1:20



Head-on view of Rhönsperber



The Rhönsperber