





**TOP:** The SGS 1-24 Brigadoon, now based at Tehachapi in California, showing the rear windows intended for the small passenger.  
**ABOVE:** The 1-24 originally had fabric-covered areas on the wing, behind the rear spar. Soon after the move to California these panels were covered with metal for better resistance to the sun.

sufficient lift to keep him airborne, yet low enough to wave to picnickers sitting on the slope. He came to the end of the hills and there, within reach, was his destination airfield. He landed at 18:00, just before the rather disgruntled staff closed the airport and departed for home. It was the second longest flight of the contest that day and, as it exceeded 300 km distance, gave him a diamond for his Gold C badge. It was an impressive contest debut for the new sailplane.

Howie let me fly the 1-24 in the 1957 Nationals, and I won the first day's task and the Stroukoff Award for that flight, but had to withdraw from the contest owing to my father's death.

After flying the 1-24 for years, Howie reluctantly sold it, but was able to buy it back later. He took it with him in 1959 when he retired from Schweizer and went to live in California, close to the soaring centre at Tehachapi. The effects of strong sunlight soon persuaded him to replace the fabric with 0.012 alloy metal skins. He still keeps his *Brigadoon* to fly from Tehachapi, and achieved his diamond altitude requirement with a flight to 30,000 ft.

<sup>16</sup> Barnaby, a naval officer, was the first American citizen to achieve the C soaring certificate, which he did at Cape Cod in 1929. He played a central role in the development of soaring in the U.S.A.

## Schweizer-Burr SGS 1-24

Total number built: 1

### Specification

Span	55.5 ft	16.9 m
Length	22.15 ft	6.744 m
Wing area	180 ft <sup>2</sup>	16.7 m <sup>2</sup>
Aspect ratio	17.11	
Aerofoil section	NACA 43012A root, 23009 tip	
Empty weight	585 lb	265 kg
Pilot & equipment	200 lb	90.7 kg
Flying weight (maximum)	785 lb	356 kg
Wing loading (max)	4.7 lb/ft <sup>2</sup>	22.9 kg/m <sup>2</sup>
Best L/D	30:1 at 50 mph	80.45 km/h
Minimum rate of sink	2 ft/sec at 46 mph	0.61 m/sec at 74 km/h