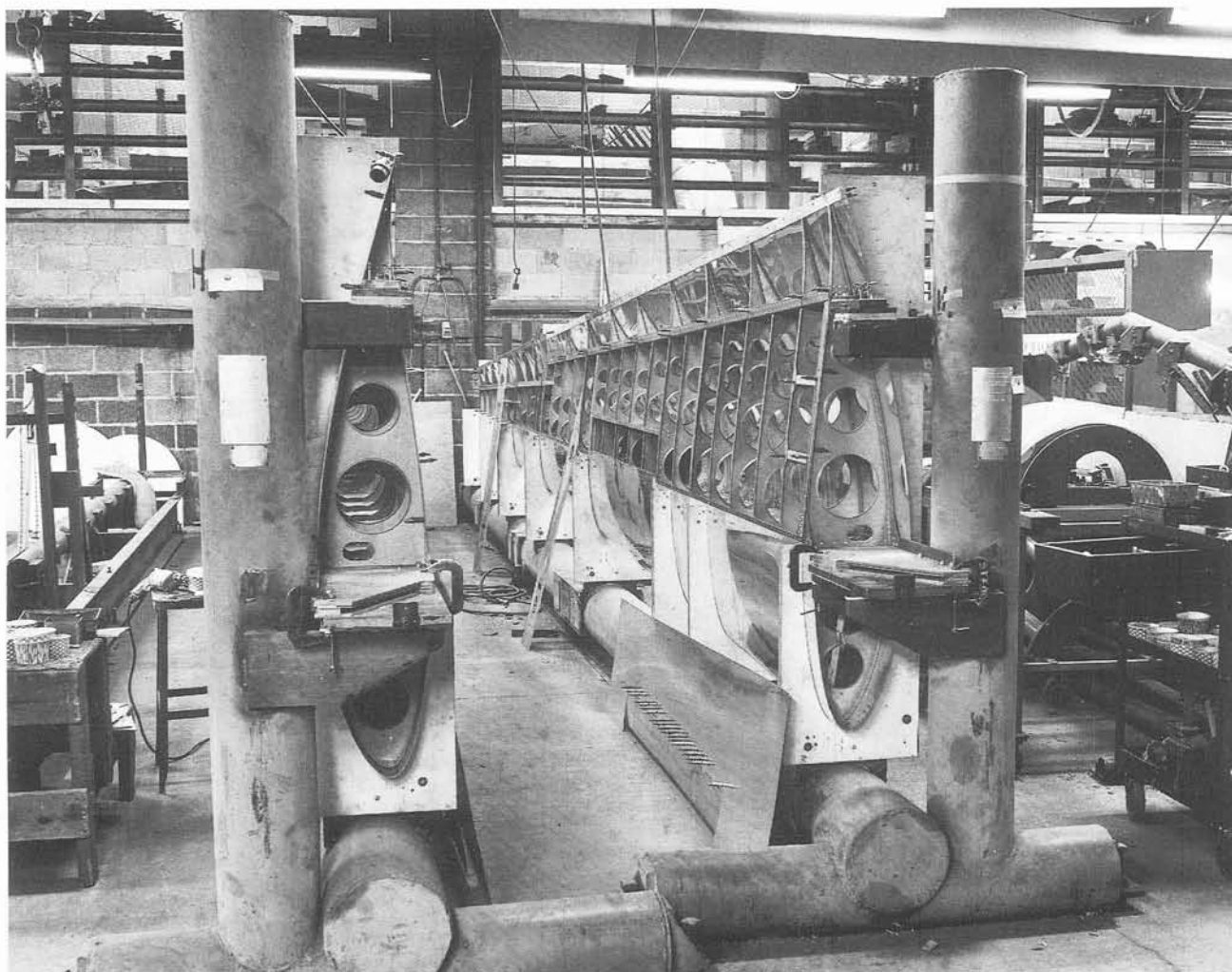


Schweizer SGS 2 - 32

Drawn by Martin Simons 1996 ©
From information supplied by Schweizer Aircraft Corp.



ABOVE: A view of the sturdy 2-32 assembly fixtures. (S.A.C.).

OPPOSITE PAGE: A 2-32 in a steep turn with Bernie Carris on board with passenger.

powered by a 660 hp turboprop motor, and had wing tanks of very large fuel capacity. The drone, full of electronic surveillance equipment, was to be capable of flying a 24-hour mission at 40,000 ft. The piloted version of the LTV L450 established many records for turboprop-powered aircraft, and a prototype of the pilotless drone was delivered in late 1969. It made a flight to 52,000 ft.

Kim Scribner, with support from the Wings Club, ordered a specially equipped 2-32 for clear air turbulence (C.A.T.) investigation. It was the most completely equipped 2-32 that we ever produced, and is still used for upper air research by the National Center for Atmospheric Research in the Boulder, Colorado, area.

Most of the 2-32s built are still in use for dual rides, and are very profitable for their operators. A used 2-32 in good condition now sells for \$50,000. To put the type into production again would probably require us to charge at least twice as much. The 2-32 project was not a profitable one, because of the high development costs. These were offset against profits made on the sale of other types, and by the fact that 2-32 components were used on many special aero-

plane projects, such as the SGM 2-37 and the SA 2-37A. Modified versions of the tailcone and vertical tail surfaces were later used on the SA 2-38. So the 2-32 turned out to be a good investment for Schweizer.

Schweizer SGS 2-32

Total number built: 87 (sailplanes)

Specification

Span	57 ft	17.4 m
Length	26.7 ft	8.15 m
Wing area	180 ft ²	16.7 m ²
Aspect ratio	18.05	
Aerofoil section	NACA 63 ₃ 618, NACA 43012A tips	
Empty weight	831 lb	377 kg
Pilots	509 lb	231 kg
Flying weight (U)	1,340 lb	610 kg
Flying weight (maximum)	1,430 lb	650 kg
Wing loading (U)	7.44 lb/ft ²	36.3 kg/m ²
Wing loading (maximum)	7.94 lb/ft ²	38.7 kg/m ²
Best L/D	34:1 at 65 mph	104 km/h
Minimum rate of sink (U)	2.4 ft/sec at 52 mph	0.73 m/sec at 84 km/h

