

**SCHWEIZER SGU 1-7  
N23026**

**SPECIFICATIONS**

Span ..... 36 ft.  
 Area ..... 133.5 sq. ft.  
 Aspect ratio ..... 9.6  
 Airfoil ..... NACA 2415  
 Empty weight ..... 243 lb.  
 Payload ..... 180 lb.  
 Gross weight ..... 423 lb.  
 Wing loading ..... 3.2 lb./sq. ft.  
 Structure: metal/fabric, 1-spar, constant chord, 1-strut-braced wings; metal/fabric tail, steel-tube/fabric fuselage.

**PERFORMANCE**

L/D max. .... 17.5 @ 45 mph  
 Min. sink ..... 3.5 fps @ 40 mph  
 6 fps sink @ ..... 50 mph

The 1-7 is like a scaled-down 2-22 although it is part of the 2-22's lineage. Two were built in 1937 but the one pictured is the only one left (because the other one was chopped up for junk by someone who didn't



Photo by Laurence Eccleston

know what it was). Owners are Chip and Pete Burr and Don Pedigo who base it at Tehachapi, Calif. White with yellow trim.

Named "Pterodactyl" (Alley Oop riding one decorates the rudder), EXP.



Photo by S. A. Aldott

Twelve two-place 2-8's were built from 1938 to WW II and then 45 military versions (the army TG-2 and Navy LNS-1) were built. Sold surplus later, they are still re-

ferred to as TG-2's, remaining in demand on the used market. ATC. Holds national 2-place distance record of 309.678 mi. set by Dick Johnson in 1946.

**SCHWEIZER SGS 2-8  
TG-2**

**SPECIFICATIONS**

Span ..... 52 ft.  
 Area ..... 214 sq. ft.  
 Aspect ratio ..... 12.6  
 Airfoil ..... NACA 4412  
 Empty weight ..... 450 lb.  
 Payload ..... 410 lb.  
 Gross weight ..... 860 lb.  
 Wing loading ..... 4.0 lb./sq. ft.  
 Structure: metal/fabric, 1-spar, 1-strut-braced wings; metal/fabric tail; steel-tube/fabric fuselage.

**PERFORMANCE**

L/D max. .... 23 @ 42 mph  
 Min. sink ..... 2.75 fps @ 40 mph  
 6 fps sink @ ..... 68 mph

**OTHER**

No. built ..... 57  
 No. still active ..... 23  
 References: WS-1 p. 184; 11-38 p. 4, detailed description; N-D 46, p. 10, record flight described; J-A 58, p. 25, description, specs.

**SCHWEIZER SGS 2-12  
TG-3A**

**SPECIFICATIONS**

Span ..... 54 ft.  
 Area ..... 237 sq. ft.  
 Aspect ratio ..... 12.3  
 Airfoil ..... NACA 4416  
 Empty weight ..... 860 lb.  
 Payload ..... 340 lb.  
 Gross weight ..... 1200 lb.  
 Wing loading ..... 5.05 lb./sq. ft.  
 Structure: wood/fabric wings and tail, steel-tube/fabric fuselage.

**PERFORMANCE**

L/D max. .... 24 @ 52 mph  
 Min. sink ..... 3 fps @ 45 mph  
 6 fps sink @ ..... 72 mph

**OTHER**

No. built ..... 114  
 No. still active ..... 41  
 References: WS-1, p. 185; M-J 44, p. 8, article, specs, 3-view.  
 Holds national 2-place female altitude gain record of 10,797 ft. set by Betsy Woodward.



Photo by Monte Adkins

Designed as a two-place military trainer in 1942, three XTG-3's were built and then the nose was lengthened for the TG-3A version. They have been active in the used sailplane market after being sold as surplus. TG-3A

owners may purchase copies of the military manuals (flight operating, erection and maintenance, and repair instructions) from SSA for 25¢/set. Spoilers on top and bottom of wings. ATC.