

Schweizer **TG-3A**

The TG-3A was a two-place, dual-control glider manufactured primarily for the U.S. Army Air Forces by the Schweizer Aircraft Co. during World War II. In 1942 the USAAF evaluated a prototype derived from the Schweizer SGS 2-12 high-performance sailplane. After testing three XTG-3s, the AAF ordered 110 TG-3As from Schweizer (50 more were ordered from Air Glider but only one was built). Student glider pilots normally received about six hours dual instruction in the TG-3As before being trained in the larger CG-4A cargo glider. The TG-3As wings were made of spruce and mahogany plywood covered with fabric. It was equipped with spoilers (used to increase descent rate) as well as ailerons. The fuselage was constructed of welded chrome-molybdenum steel tubing which was also fabric covered. The landing gear was a single unsprung wheel with a disc brake. In addition, there were skids on the nose, tail and wing tips. The RCN acquired two of these gliders in the immediate post-war period but details of their use and fate are not available.



This museum example of the Schweizer TG-3A two-seat glider is similar to those that the RCN acquired in the immediate post-war period. (USAF Photo)

DETAILS

Designation:		Model No: TG-3A	
Role:	Glider		
TOS:	1946	SOS:	Unknown
Service:	RCN		No. 2

SPECIFICATIONS

Manufacturer:	Schweizer Aircraft Corporation		
Crew / Passengers:	two pilots		
Powerplant:	none		
Performance:	Best Glide Ratio: 20-1	Stall Speed: 38 mph (61 km/h)	
Weights:	Gross: 1,200 lbs (544 kg)		
Dimensions:	Span: 54 ft 0 in (16.5 m)	Length: 27 ft 7 in (8.41 m)	
	Height: 8 ft 0 in (2.43 m)		
Original Cost:	Unknown		