

**DEPARTMENT OF COMMERCE  
CIVIL AERONAUTICS ADMINISTRATION**

G-17  
Revision 2  
K & L Soaring, LLC  
SGU-1-19  
SGU-1-19A  
November 29, 2010

GLIDER SPECIFICATION NO. G-17

Type Certificate Holder                    K & L Soaring, LLC  
5996 State Route 224  
Cayuta, New York 14824

Type Certificate Holder Record        Schweizer Aircraft Corporation  
County Airport  
P.O. Box 147  
Elmira, New York 14902

**I - Models SGU-1-19 or SGU-1-19A 1 PCLM. Approved June 19, 1946 and August 19, 1946 respect.**  
(Gliders assembled from kit designated SGU-1-19A)

Type	Class II				
Airspeed limits	Glide or dive	75 mph True Ind.			
	Airplane tow	75 mph True Ind.			
	Auto-winch tow	60 mph True Ind.			
	Spoilers extended	75 mph True Ind.			
C.G. range	(+14) to (+19)				
Maximum weight	550 lbs.				
No. seats	1 (at -8 or -11.5 or -15 adjustable)				
Baggage	None				
Control surface Movements	Elevator	Up	20°	Down	22°
	Rudder	Right	30°	Left	30°
	Aileron	Right	38°	Down	18°
	Spoilers	Up	75°	Down	0°
Serial Nos. eligible	2 and up				
Required equipment	Items 201, 401				

Specifications Pertinent to All Models

Datum	Wing leading edge at root
Leveling means	Top of upper longeron aft of wing
Certification basis	Glider Type Certificate No. 17 (CAR 5)
Production basis	None

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Equipment: A plus (+) or minus (-) sign preceding the weight of an item indicates net weight change when that item is installed.

Landing Gear		
201.	6.00-6 wheel (Goodyear L6MBD) with 6.00-6 4 ply tire	13 lbs. (+21)
202.	Goodyear disc brake	4 lbs. (+21)
203.	Schweizer circumferential brake	1 lb. (+12)
Interior Equipment		
401.	Airspeed indicator	Neglect weight.
402.	Cockpit visor	Neglect weight.

NOTE 1. Each glider assembled from a kit is designated Model SGU-1-19A and will be eligible for an airworthiness certificate when accompanied by an affidavit to the effect that the glider is constructed in exact accordance with the approved drawings and that the parts and materials furnished in the kit have been used, and further, when the following inspections have been satisfactorily passed:

- (a) An inspection for workmanship, materials, and conformity before any covering, metal priming or final finish is applied. All woodwork may be sealed.
- (b) A final inspection of the completed glider.
- (c) Check of flight characteristics.

Two types of kits are covered by the above note as follows:

Kit No. 1: Includes all materials, all metal fittings, complete fuselage and tail surfaces, complete plans and instructions. Wing ribs and ailerons are to be fabricated from material supplied with the kit.

Kit No. 2: Same as Kit No. 1 except that wood material for wing ribs and ailerons and finishing material (fabric, primer, done) not included with kit.

NOTE 2. Suitable placards to cover the various pilot weights and seats positions must be installed in full view of the pilot as determined from the manufacturer's weight and balance report.

NOTE 3. The following placard must be installed in full view of the pilot: "Instrument flight prohibited."

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