

**DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION**

G2EA
SCHWEIZER
Revision 2
SGS 2-33
SGS 2-33A
SGS 2-33AK
August 1, 1973

GLIDER DATA SHEET NO. G2EA

This data sheet which is a part of type certificate No. G2EA prescribes conditions and limitations under which the product for which the type certificate was issued meets the airworthiness requirements of the Federal Aviation Regulations.

Type Certificate Holder Schweizer Aircraft Corporation
County Airport
Elmira, New York 14902

I - Model SGS 2-33, 2 PCLM, Approved February 10, 1967; Model SGS 2-33A, 2 PCLM, Approved March 7, 1968; Model SGS 2-33AK, 2 PCLM, Approved April 19, 1973. Model SGS 2-33A same as SGS 2-33 except for larger rudder with aerodynamic balance; Model SGS 2-33AK is same as Model SGS 2-33A constructed from a kit (see Note 4 for eligibility requirements)

Type	Class II, Utility			
Airspeed limits (CAS)	Vne-Glide or dive	98 m.p.h.		
	Vta-Airplane tow	98 m.p.h.		
	Vtaw-Auto-winch tow	69 m.p.h.		
	C.G. range	(+11.9) to (+19.8) (Fuselage Sta. 78.2 to 86.1)		
Maximum weight	1040 lb.			
No. seats	2 (1 at -23) (1 at +8)			
Baggage	None			
Control surface movements	Elevator	Up 23°	Down 23°	Limits ± 2° ± 2° ± 2° ± 5°
	Rudder	Left 30°	Right 30°	
	Aileron	Up 38°	Down 18°	
	Dive Brakes	Top Up 85°	Bot. Down 75°	
	Serial nos. eligible	1 and up		

Specifications Pertinent to All Models

Datum	Wing leading edge at root (Fuselage Sta. 66.3)
M.A.C.	53.54 in. (L.E. of M.A.C. 2.35 in. aft of wing leading edge at root)
Leveling means	Top of upper longeron aft of wing.
Certification basis	FAR 21 and Basic Glider Criteria Handbook, 1962. Date of Application for Type Certificate April 1, 1966. Type Certificate No. G2EA issued February 10, 1967.

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