

FEDERAL AVIATION AGENCY

G9EU Revision 1 SCHEMPP-HIRTH SHK1 August 26, 1967
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TYPE CERTIFICATE DATA SHEET NO. G9EU

This data sheet which is a part of type certificate No. G9EU prescribes conditions and limitations under which the product for which the type certificate was issued meets the airworthiness requirements of the Civil Air Regulations.

Type Certificate Holder Schempp-Hirth K.G.
Kirchheim-Teck
Federal Republic of Germany

I - Model SHK1, Approved January 21, 1966.

Airspeed limits	Glide or dive	108 knots
	Max. speed in rough air	75 knots
	Airplane tow	75 knots
	Auto-winch tow	54 knots
	Airbrakes extended	108 knots

C.G. range (+13.0) to (+19.3)

Datum Wing leading edge at rib 1

Leveling means Top of fuselage. (See Flight Manual)

Maximum weight 816 lb.

No. of seats 1

Baggage None

Control surface Movements			Serial Numbers	
			1 through 32 33 and Up	
	Elevator	Up	4.73 in.	4.3 in.
		Down	2.95 in.	3.5 in.
	Rudder	Up	3.54 in.	4.7 in.
		Down	3.54 in.	4.7 in.
	Aileron	Up	4.84 in.	
		Down	1.58 in.	
	Trim tab	Up	.23 in.	
		Down	.23 in.	

For elevator, rudder and aileron measuring point see Flight Manual.

Serial Nos. eligible The Federal Republic of Germany Certificate of Airworthiness for Export endorsed as noted below under "Certification basis" must be submitted for each individual glider for which application for certification is made.

Certification basis FAR 21.29 and Federal Republic of Germany glider airworthiness requirements dated August 1939 (These requirements are equivalent to FAR 21.23).
Type Certificate G9EU issued January 21, 1966.
Date of Application for Type Certificate August 16, 1965.

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Import requirement A U.S. Airworthiness Certificate may be issued on the basis of a Certificate of Airworthiness for Export signed by a representative of the Luftfahrt-Bundesamt, containing the following statement:
"The glider covered by this certificate has been examined, tested and found to comply fully with the Federal Republic of Germany Glider Airworthiness Requirements dated August 1939, and conforms to Type Certificate No. G9EU."

Equipment: The basic required equipment as prescribed in the applicable airworthiness regulations (see Certification basis) must be installed in the glider for certification.

NOTE 1. Current weight and balance report including list of equipment in certificated empty weight, and loading instructions when necessary, must be provided for each glider at the time of original certification.

NOTE 2. The following placards must be installed in full view of the pilot:

- (a) "Cloud flying: Permitted only when the following instruments are installed:
 - (1) Altimeter (approved type)
 - (2) Turn and bank (approved type)
 - (3) Variometer
 - (4) Compass"
- (b) "When flying in rough air do not exceed 75 knots (87 m.p.h.)"
- (c) "Night flying is prohibited."

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