

FEDERAL AVIATION AGENCY

G6EU Revision 1 AER-PEGASO M-100 S August 23, 1966
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TYPE CERTIFICATE DATA SHEET NO. G6EU

This data sheet which is a part of type certificate No. G6EU 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 Aer-Pegaso S.p.A.  
Torino, Italy

**Model "M-100 S" approved February 18, 1965**

Airspeed limits (IAS)	Glide or dive	119 kts. (still air)
	" "	70 " (rough air)
	Airbrakes extended	108 " (still air)
	" "	70 " (rough air)
	Airplane tow	81 "
	Auto-winch tow	55 "
C.G. Range	from (+11.3) to (+16.5)	
Datum	Wing leading edge	
Leveling means	Fuselage upper contour just in front of the dorsal fin at 4° down with respect to horizontal reference.	
Maximum weight	693 lbs.	
No. seats	1 at (-19.7)	
Baggage	(+7.88) Max. permissible baggage: 100 lbs.	
Control surfaces	Elevator Up $28^{\circ} \pm 2^{\circ}$ Down $20^{\circ} \pm 2^{\circ}$ Rudder Right $28^{\circ} \pm 2^{\circ}$ Left $28^{\circ} \pm 2^{\circ}$ Ailerons Up $28^{\circ} \pm 2^{\circ}$ Down $28^{\circ} \pm 2^{\circ}$	
Serial Nos. eligible	An Italian Certificate of Airworthiness for Export endorsed as noted under "Import Requirements" must be submitted for each individual glider for which application for certification is made.	
Certification basis	CAR 10 Type Certificate G6EU. CAR 5 dated February 5, 1956 (Basic Glider Criteria, revised 1962) Date of Application for Type Certificate May 7, 1963.	

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Import Requirements	An U.S. Airworthiness Certificate may be issued on the basis of a Certificate of Airworthiness for Export signed by a representative for the R.A.I., containing the following statement: "The glider covered by this Certificate has been examined and found to comply with CAR 5 dated February 15, 1956 (Basic Glider Criteria, revised 1962), Type Certificate G6EU and is airworthy.
Equipment	Non cloud flying and Acrobatic: safety harness, airspeed indicator, altimeter. Cloud flying: above items plus: turn and bank indicator, compass, variometer.

NOTE 1. Current weight and balance report, including list of equipment included in certified empty weight, and loading instructions when necessary, must be in the glider at the time of original certification and at all times thereafter.

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

"Max. speed (Vne) still air	119 kts.
" " with airbrakes extended, still air	108 "
" " rough air (airbrakes extended or closed)	70 "
" " aero tow	81 "
" " auto-winch tow	55 "

Permitted aerobatics:

Looping: entry speed	78 kts.
chandelle: " "	70 "
spin: " "	32 "
tight turns till 3.5g.	
All other acrobatics are prohibited."	

"Night flying is prohibited"

"Auto-Winch tow is permitted for towing mechanism located near the C.G."

The following placard must be installed in the baggage compartment:

"Max. permissible baggage: 100 lbs."

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