

Certification Basis	FAR 21, effective February 1, 1965 including Amendments 21-1 through 21-38 FAR 23 effective February 1, 1965 including Amendments 23-1 through 23-12 Basic Glider Criteria Handbook dated 1962 Glider Type Certificate No. G5EA dated October 15, 1980 Date of application for Type Certificate June 28, 1979
Production Basis	None
Equipment	The basic equipment as prescribed in the applicable Airworthiness Regulations (see Certification Basis) must be installed in the glider for certification.

NOTE 1. A suitable placard to cover the maximum and minimum pilot weights must be installed in full view of the pilot as determined from the manufacturer's weight and balance report.

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

FLIGHT LIMITS	
MODEL SGS 1-36	SER NO.
MAX. GLIDE OR DIVE	121 MPH
MAX. AERO TOW	98 MPH
MAX. AUTO OR WINCH TOW	78 MPH
MAX. DIVE BRAKE OPER.	121 MPH
MAX. GROSS WT.	710 LBS.
MAX. WT PILOT	LBS.
MIN. WT PILOT	LBS.
INSTRUMENT FLIGHT PROHIBITED	

NORMAL OPERATING SPEEDS CALM CONDITIONS AT GROSS WT.	
AERO TOW	60-70 mph/52-61 knots
AUTO/WINCH TOW	55-60 mph/48-52 knots
LANDING APPROACH	55 mph/48 knots
STALL (BRAKES CLOSED)	35 mph/30 knots
BEST GLIDE	53 mph/46 knots
MIN SINK	42 mph/37 knots
MANEUVERING	64 mph/56 knots
APPROVED AEROBATIC MANEUVERS	
NORMAL ENTRY SPEED	
SPINS	NORMAL STALL ENTRY
LOOPS	90 mph/78 knots
WINGOVERS	90 mph/78 knots
FOR OTHER CONDITIONS SEE PILOTS OPERATING MANUAL	

NOTE 3. An approved safety belt and shoulder harness is required for occupant.

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