

Model EL-1 (Gavilan) (cont.)

Leveling Means:	Seat tracks in cabin section		
Maximum Weight:	4200 lb. (Normal Category)		
Number of Seats:	2 (2 at 105.0)		
Fuel Capacity:	105 gallons at (135.0) (2 wing tanks)		
Control Surface Movements:	Wing Flaps	$\pm 2^\circ$	Up 0° Down $15^\circ, 30^\circ, 36^\circ$
	Ailerons	$(\pm 2^\circ)$	Up 25° Down 20°
	Rudder	$(\pm 1^\circ)$	Left 26° Right 26°
	Elevator	$(\pm 2^\circ)$	Up 26° Down 19°
	Elevator Trim	$(\pm 2^\circ)$	Up 14° Down 29°
Nose Wheel Travel:	Full Swivel		
Serial Numbers Eligible:	E1 only, no other serial numbers eligible.		
Certification Basis:	FAR Part 23, as amended by Amendments 23-1 through 23-46, and FAR 36 Append G, including Amendments 36-1 through 36-20; and Equivalent Level of Safety for EL Gavilan EL-1, compliance to FAR 23.1143 (g) and 23.1147 (b), Ref. Throttle and Mixture Control Cables.		
Production Basis:	None		

Equipment: The basic required equipment as prescribed in the applicable airworthiness regulations (see Certification Basis) must be installed in the aircraft for operation in DAY/VFR ONLY. In addition, the following document is required: (1) Pilots Operating Manual, EL Gavilan Report Number 1208, dated May 26, 1998.

NOTE 1: Current weight and balance report, including list of equipment included in certificated empty weight, and loading instructions when necessary, must be provided.

The certificated empty weight and corresponding center-of-gravity locations must include undrainable system oil (not included in oil capacity) and unusable fuel as noted below:

Unusable Fuel & Undrainable Oil Quantity	Fuel	3.0 gal.
	Oil	3.80 lb. at (+29.0)

NOTE 2: The following placards must be displayed in clear view of the pilot:

“OPERATING LIMITATIONS WHICH MUST BE COMPLIED WITH WHEN OPERATING THIS AIRPLANE IN NORMAL CATEGORY ARE CONTAINED IN THE PILOTS OPERATING MANUAL.”

“INTENTIONAL SPINS IN ANY CONFIGURATION ARE NOT APPROVED FOR THIS AIRPLANE.”

“THIS AIRPLANE IS APPROVED FOR FLIGHT IN DAY VFR CONDITIONS ONLY WHEN EQUIPPED IN ACCORDANCE WITH FAR 91. FLIGHT INTO KNOWN ICING CONDITIONS IS PROHIBITED.”

NOTE 3: The following GATS, Inc. reports are considered to be part of the type design;
Report 1208, No Revision, dated May 26, 1998, "Pilot's Operating Manual"
Maintenance Manual for El Gavilan 358, "Instructions for Continued Airworthiness"

NOTE 4: All interior configurations for passenger seating or cargo must be separately FAA approved.

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