

LAISTER-KAUFFMAN AIRCRAFT CORPORATION

MODELS: Laister-Kauffmann (Bowlus) BA-100 Glider, 1 PCLM

T.C. NUMBER: G8 (Approved 8/11/41)

Type	Class II
Airspeed limits	Glider or dive - 65 mph True Ind. Airplane tow - 85 mph True Ind. Auto-winch tow - 50 mph True Ind.
C.G. range	(+10.2) to (+15.1)
Datum	Leading edge of wing at root
Leveling means	Level boom for weighing
Maximum weight	505 lbs.
No. seats	1 (pilot at -9.3)
Baggage	None
Control surface movement	Elevator Up 18 degrees Down 14 degrees Aileron Up 30 degrees Down: (Left) 7 degrees (Right) 8 degrees
Serial Nos. eligible	Rudder Right 23 degrees Left 23 degrees 103, 131, 137, 149, 151, 164 and up (See NOTES A and B)
Required equipment	Items 101 and 102

Specifications Pertinent to All Models:

Certification basis	Glider Type Certificate No. 8 (CAR 5)
Production basis	None (See NOTES A and B)

Landing Gear

102.	4.00-4 Goodyear or Firestone Industrial wheel, tire and tube	8 lbs.	(+15)
303.	Brake, Bowlus	1 lb.	(+13)

Interior Equipment

101.	Airspeed indicator
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Miscellaneous (not listed above)

301.	Cockpit hood, Drawing P-2009	5 lbs.	(-12)
302.	Miscellaneous instruments (not to exceed)	5 lbs.	(-31)

NOTE A. Prior to original certification, each glider must satisfactorily pass:

- (a) An inspection for workmanship, materials and conformity before any covering or final finish is applied. All woodwork may be varnished.
- (b) A final inspection of the completed glider.
- (c) A check of flight characteristics.

NOTE B. Gliders assembled from partially pre-fabricated kits and satisfactorily passing the above inspections will be eligible for airworthiness certificate when accompanied by an affidavit to the effect that the glider is constructed in exact accordance with the approved manufacturer's instruction manuals and that parts and materials furnished in the kit have been used.

NOTE 1. The following placards must be installed in full view of the pilot:

- (a) "Instrument flight prohibited."
- (b) "Shock-cord launching prohibited."