

SAILPLANE CORPORATION OF AMERICA

MODELS: Sailplane (Formerly Briegleb) BG-6 Glider (Army XTG-9, TG-13A), 1 PCLM

T.C. NUMBER: GTC 6 (Approved 9/14/40)

Type	Class II		
Airspeed limits	Glide or dive - 72 mph True Ind.		
	Airplane tow - 72 mph True Ind.		
	Auto-winch tow 50 mph True Ind.		
C.G. range	(+13.5) to (+16.3) (See NOTE 1(c))		
Datum	Leading edge of wing or root		
Leveling means	Top longeron		
Maximum weight	425 lbs.		
No. seats	1 (-8)		
Baggage	None		
Control surface	Elevator	Up 23 degrees	Down 29 degrees
movement	Aileron	Up 18 degrees	Down 9 degrees
	Rudder	Right 45 degrees	Left 45 degrees
Serial numbers eligible	1 and up (See NOTES A and B)		
Required equipment	Items 101 and 102		

SPECIFICATIONS PERTINENT TO ALL MODELS:

Certification basis	Glider Type Certificate No. 6 (CAR 5)
Production basis	None (See NOTES A and B)

Equipment:

Landing Gear
102. 12x4 wheel (General C-1485) with 4-ply tires (+12)

Interior Equipment
101. Airspeed indicator

NOTE A. Prior to original certification, each glider constructed by factory or a home builder or assembled from a partially pre-fabricated kit must satisfactorily pass:

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

NOTE B. Glider assembled from the following 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 drawings, and that parts and materials furnished in the kit have been used.

- (a) Kit No. 1: Includes all materials, rib and spar stock, tubing, etc., complete plans and instructions, but with no parts built up.
- (b) Kit No. 2: Same as Kit No. 1 except all welding and fittings completed.
- (c) Kit No. 3: Same as Kit No. 2 except ribs and spars completed, parts ready to assemble and cover.

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

- (a) "Inverted flying prohibited."
- (b) "Instrument flight prohibited."
- (c) "When weight of pilot plus parachute is less than 140 lbs., 11 lbs. of ballast required on nose spindle."