

MODELS: Luscombe 4, 2 PCLM

T.C. NUMBER: 687

Engine	Warner Scarab Jr.
Placard limits	Maximum, except take-off -- in. Hg., 2025 rpm (90 hp) Take-off (one minute) -- in. Hg., 2025 rpm (90 hp)
Propeller	Maximum permissible diameter 87 in.
Placard speeds	Level flight or climb - 136 mph True Ind. Glide or dive - 184 mph True Ind. Flaps extended - 98 mph True Ind.
Fuel capacity	31 gallons (two 15-1/2 gallon tanks in wings) (+24)
Oil capacity	2 gallons (-17)
No. passengers	1 (+21)
Baggage	60 lbs. (+40) (May be increased to 106 lbs. when substantiated by weight and balance report.)
Standard weight	1650 lbs.
C.G. limits	(+16) and (+18.73)
Spec. basis	Type Certificate No. 687 Production Certificate No. 5
Serial Numbers	400 and up manufactured prior to 7/16/41 eligible. Approval expired as of that date.

EQUIPMENT: (Datum is wing leading edge) (\* Means net increase)

Class I:

101.	Engine ring cowl		
102.	3 inch wheels and brakes (Goodyear 3-LMBM) with 18x8-3 H.D. tires	36 lbs.	(+7)
103.	Tail skid		
104.	Propeller - wood (fixed or adj. pitch)	24 lbs.	(-40)
105.	Carburetor air heater		

Class II:

200.	Miscellaneous items as noted in approved weight and balance report.		
201.	Shielding	5 lbs.	(-27)
202.	Radio (RCA AVR-10)	9 lbs.	(-6)
203.	Battery (Reading 12V)	26 lbs.	(+36)

Class III:

301.	Propeller - adj. metal (Hamilton Standard hub 7005, blades 25V2-0)	10 lbs.*	(-40)
302.	6.50-10 wheels (Warner M-3270) and tires	21 lbs.*	(+7)
303.	Additional instruments	2 lbs.	(-2)

NOTE 1. Eligible for export as follows subject to inspection for equipment specified in Chapter XII of Inspection Handbook (7/16/41):

- (a) Canada
  - Landplane
  - Skiplane - not eligible.
- (b) All other countries except Australia, Great Britain and New Zealand.

NOTE 2. Approval of tail wheel appended to skid spring as outlined in SI-175 not applicable to this airplane without additional technical data showing that such wheel does not strike fuselage bottom structure or rudder in drop tests as outlined in CAR 04.2420.