

MODELS: Aeronca LA, LB

T.C. NUMBER: 596

I - SPECIFICATIONS PERTINENT TO BOTH MODELS:

Propeller	Maximum permissible diameter 86 in.
Placard speeds	Level flight or climb - 120 mph Ind. Glide or dive - 162 mph Ind. Flaps (See Item 17) - 108 mph Ind.
Fuel capacity	28 gallons (one tank at 19 gallons in right wing (+27) and one at 9 gallons in fuselage (-11))
Oil capacity	2 gallons
No. passengers	1 (+19)
Standard weight	1680 lbs.
C.G. limits	(+12.7) & (+17.4)
Spec. basis	Approved Type Certificate No. 596
Serial Nos.	2000 and up manufactured prior to 9-30-39 eligible. Approval expired as of that date.

EQUIPMENT: (Datum is center section leading edge)

Class I:

1. Propeller - wood (fixed or adjustable pitch) 14 lbs. (-45)

2. 7.00-5 wheels (Hayes B) with tires
3. 8" streamline tail wheel
4. Engine ring cowl 12 lbs.
5. Wheel streamlines 21 lbs.

Class III:

- |  |         |       |
|--|---------|-------|
| 10. Flares - three 1 min. (reduce baggage 15 lbs.)     | 10 lbs. | (+80) |
| 11. Flares - five 1 min. (reduce baggage 23 lbs.)      | 15 lbs. | (+80) |
| 12. Flares - three 1 1/2 min. (reduce baggage 26 lbs.) | 17 lbs. | (+80) |
| 13. Landing lights (Grimes retractable)                | 10 lbs. | (+19) |
| 14. Battery and box (Exide 6TS7-1)                     | 33 lbs. | (+39) |
| 15. Battery and box (Exide 3-AC-7-1)                   | 13 lbs. | (+39) |
| 16. Starter (Eclipse Y-150)                            | 20 lbs. | (-22) |
| 17. Airbrake (flaps)                                   | 6 lbs.  | (+11) |
| 18. Cabin heater                                       | 3 lbs.  | (-25) |
| 19. Special finish                                     | 8 lbs.  | (+60) |
| 20. Special instruments                                | 6 lbs.  | (-5)  |
| 21. 3 in. wheels (Goodyear 3LMBM) with 18x8-3 tires    |         |       |
| 22. Battery (Reading 6-ARL-9)                          | 32 lbs. | (+39) |
| 23. Radio (RCA AVR-7 or -7A)                           | 23 lbs. | (+39) |
| 24. Two 6 volt hot shot batteries for radio            | 20 lbs. | (+39) |
| 25. Battery (Reading 3-BRL-9)                          | 9 lbs.  | (+39) |
| 26. Carburetor heater                                  | 2 lbs.  |       |
| 27. Emergency window (left side)                       |         |       |

NOTE 1. Eligible for export subject to inspection for equipment specified in Chapter XII of Inspection Handbook: (April 9, 1937)

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

NOTE 2. Aircraft eligible are also approved with:

- (a) Conventional or differential aileron control with cable and push-pull tube control systems respectively.
- (b) Flap operating mechanism including automobile window type lift.
- (c) Brake operating mechanism, including pedals, located between the rudder pedals and interconnected to a hand lever at the upper left side of the cabin.

II - MODEL LA, 2 PCLM:

Engine	Rearwin Le Blond 70 5E or 5DE
Placard limits	Maximum, except take-off
	-- in. Hg., 1950 rpm, 70 hp
	Take-off (one minute)
	-- in. Hg., 1950 rpm, 70 hp
Baggage	121 lbs. (+39)

III - MODEL LB, 2PCLM:

Engine	(a) Rearwin LeBlond 85 5F or 5DF
	(b) Rearwin Le Blond 90 5F
Placard limits	(a) Maximum, except take-off
	-- in. Hg., 2125 rpm (85 hp)
	Take-off (one minute)
	-- in. Hg., 2125 rpm (85 hp)
	(b) Maximum, except take-off
	-- in. Hg., 2250 rpm (90 hp)
	Take-off (one minute)
	-- in. Hg., 2250 rpm (90 hp)
Baggage	149 lbs. (+39)