

MODELS: Waco UOC, 5 PCLB

T.C. NUMBER: ATC 568

Engine	Continental R-670A or R-670B
Placard limits	Maximum, except take-off
(R-670A)	-- in.Hg., 2000 rpm (210 hp)
	Take-off (one minute)
	-- in.Hg., 2000 rpm (210 hp)
(R-670B)	Maximum, except take-off
	-- in.Hg., 2000 rpm (225 hp)
	Take-off (one minute)
	-- in.Hg., 2000 rpm (225 hp)
Placard speeds	Level flight or climb - 158 mph Ind.
	Glide or dive - 214 mph Ind.
	Flaps extended - 112 mph Ind.
Fuel capacity	50 gallons (two tanks - one in each upper wing at 25 gallons)
Oil capacity	4 gallons
No. passengers	4 maximum (See NOTE 3)
Baggage	100 lbs. (compartment aft of cabin) (See NOTE 3)
Standard weight	3100 lbs. (maximum 3350 lbs.) (See NOTE 1)
C.G. limits	(-19.7) and (-7.1)
Specification basis	Approved Type Certificate No. 568
Serial numbers	3951 and up manufactured prior to 9/30/39 eligible. Approval expired as of that date.

EQUIPMENT:

(Datum is lower wing leading edge) (* Denotes net increase)

Class I:

101.	Engine ring cowl	
102.	Battery and box (under rear seat)	40 lbs.
103.	Starter (direct electric)	21 lbs.
104.	Generator	12 lbs.
105.	6.50-10 wheels with 7.50-10 4-ply tires (See NOTE 1)	
106.	10.5 inch streamline tail wheel	
107.	Throw-over type control column	
108.	Upper wing flaps - electrically or vacuum operated	
109.	Propeller - wood	46 lbs.

Class II:

201. Miscellaneous items as noted in approved weight and balance report.

Class III:

301.	Extra fuel capacity	
	(a) 70 gallons (two tanks at 35 gallons each) and 5 gallon oil capacity	10 lbs.*
	(b) 95 gallons (two tanks at 47-1/2 gallons each) and 6-1/4 gallon oil capacity	18 lbs.*
302.	Landing lights	11 lbs.*
303.	Flares (three 1-1/2 minute electric)	17 lbs.*
304.	Leather upholstery	7 lbs.*
305.	Litter installation	14 lbs.*
306.	Radio equipment (installed between firewall and under rear seat) and engine shielding	45 lbs.
307.	Special paint	
308.	Miscellaneous extra instruments	
309.	Propellers	
	(a) Fixed metal (Curtiss 55501)	51 lbs.
	(b) Adjustable metal	78 lbs.
	(c) Controllable metal (Hamilton Standard 2E20 hub, 6109 or 6135 series blades)	105 lbs.
	(d) Eclipse automatic metal	125 lbs.
310.	"Y" type control column	4 lbs.*
311.	Aileron tab installation	No change in weight
312.	Large elevators (Drawing No. 32305)	No change in weight
313.	Heater and ventilator	
314.	Wheel streamlines	24 lbs.*
315.	Extra door and wing walk	16 lbs.*
316.	8.50-10 4-ply tires (See NOTE 1)	8 lbs.*
317.	Ski type landing gear (Waco Drawing 20245)	No change in weight

NOTE 1.

- (a) Maximum standard weight with 6.50-10 wheels and 7.50-10 4-ply tires is 3100 lbs. Maximum standard weight with 6.50-10 wheels and 8.50-10 4-ply tires is 3350 lbs. (Wheels must be placarded for tires as noted.)
- (b) Maximum standard weight with wood or adjustable metal propeller is 3200 lbs. Maximum standard weight with controllable or automatic metal propeller is 3350 lbs.

NOTE 2. Eligible for export as follows, subject to inspection for equipment specified in Chapter XII of Inspection Handbook (1/10/39):

- (a) Canada
- Landplane
 - Skiplane - not eligible. However, structure complies with Canadian requirements for ski installation when Item 317 is installed.
- (b) All other countries except Great Britain and Australia.

NOTE 3. Five-place airplanes must have:

- (a) Additional safety belt installed on rear seat.
- (b) Baggage compartment placarded as follows unless actual weight and balance shows a lesser restriction necessary:
- "Maximum allowable 100 lbs.
Maximum with 3 passengers on rear seat 0 lbs."