

MODELS: Waco UKC, UKC-S, UKS-6, VKC, VKC-S, VKS-6

T.C. NUMBER ATC 528

I - SPECIFICATIONS PERTINENT TO ALL MODELS

Fuel	50 gallons (two 25 gallon tanks in upper wings)
Oil	4 gallons
No. passengers	3 or 4 (See NOTE 3)
Baggage	Landplane 100 lbs. (including tools 14 lbs.)

(See NOTE 3)

	Seaplane 109 lbs. (including anchor, rope and tools carried under passenger seats: 35 lbs. with P-3300 floats and 25 lbs. with 38-3430 floats)
Standard weight	Landplane 2850 lbs. (Serials 3838 to 3855); 3000 lbs. (Serials 3856 and up) (See NOTE 4); 3250 lbs. (See NOTE 4)
C.G. limits	Seaplane 3250 lbs. Landplane (-14.4) and (-2.4) Seaplane (-12.7) and (-3.7)
Datum	Lower wing leading edge
Leveling means	Lower surface upper wing at strut points
Serial numbers	3638 and up manufactured to 9/30/39 eligible. Approval expired as of that date.

EQUIPMENT:

(* Means net increase)

Class I:

Landplane:

101. Engine ring cowl	23 lbs.
102. Starter (Heywood)	
103. Heater	
104. Battery	10 lbs.
105. 8 inch streamline tail wheel	
106. 6.50-10 wheels (Autofan) with 7.50-10 tires (wheels must be placarded for these tires)	
107. Wing root fairing	
108. Propeller - wood	42 lbs.

Seaplane: (Items 101 to 104 and 107 PLUS)

151. Edo P-3300 or 38-3430 floats with water rudders	
152. Seaplane type fins (upper per Drawing 19261 and fin underneath fuselage per Drawing 19262) and rudder per Drawing 19484	
153. Air brakes	10 lbs.
154. Propeller - adjustable metal	

Class II:

200. Miscellaneous items as noted in approved weight and balance report	
201. Miscellaneous radio equipment (in excess of Item 316)	
202. Ambulance equipment (litter)	12 lbs.

Class III:

301. Landing lights (Grimes retractable)	11 lbs.
302. Wheel streamlines	24 lbs.
303. Propeller	
(a) Adjustable metal	29 to 37 lbs.* (-79)
(b) Fixed metal	10 lbs.* (-79)
304. Flares	
(a) Three 1-1/2 minute	17 lbs. (+70)
(b) Five 1 minute	13 lbs. (+70)
305. Fuel tank installations	
(a) 70 gallon capacity (one 35 gallon tank in each upper wing)	18 lbs.*
(b) 100 gallon capacity (landplane only) (one 35 gallon tank in each upper wing and one 15 gallon tank in each lower wing)	53 lbs.*
306. 5 or 6-1/2 gallon oil tank	No change in weight
307. Shielding	11 lbs.
308. Air brakes (flaps)	10 lbs.
309. Miscellaneous extra instruments	
310. Engine crankcase cooling disc (mounted on forward part of engine crankcase)	3 lbs.
311. Paint	
(a) Black and vermillion (over gunmetal grey, aluminum or blue)	30 lbs.*
(b) White and French grey (over gun- metal grey, aluminum or blue)	45 lbs.*
312. 7.50-10 cactus proof tubes	10 lbs.
313. Tail wheel lock	
314. Extra door and wing walk	16 lbs.
315. "Y" type control column	5 lbs.*
316. Radio (30 lbs. provided C.G. of instal-	

