

MODELS: Waco CJC, CJC-S and DJC-6, 4 or 5 PCL-SB

T.C. NUMBER: ATC 538

I - SPECIFICATIONS PERTINENT TO ALL MODELS

Fuel	70 gallons (two tanks - one 35 gallon tank in each upper wing)
Oil	5 gallons
No. passengers	3 or 4 (See NOTE 1)
Baggage	Landplane 100 lbs. Seaplane 115 lbs. (including tools, anchor and rope 35 lbs.)
Standard weight	Landplane 3200 lbs. Seaplane 3538 lbs.
C.G. limits	Landplane 14 percent MAC and 32.2 percent MAC Seaplane 15.4 percent MAC and 27 percent MAC
Specification basis	Approved Type Certificate No. 538
Serial numbers	3881 and up manufactured prior to 9/30/39 eligible. Approval expired as of that date. (Seaplane serial numbers 3881 to 3898 must have manufacturer's affidavit of conformity.)

EQUIPMENT:

(* Means net increase)

Class I:

Landplane:

101. Engine ring cowl	26 lbs.
102. Battery (hot shot)	10 lbs.

- 103. Starter (Heywood or electric) 30 lbs.
 - 104. Heater
 - 105. Wing root fairing
 - 106. 6.50-10 wheels with 7.50-10 6-ply tires
(wheels must be placarded for these tires)
 - 107. 10.5 inch streamline tail wheel or tail skid
 - 108. Propeller - wood (fixed or adjustable pitch) 47 lbs.
- Seaplane: (Items 101 to 106 PLUS)
- 151. Edo 38-3430 floats
 - 152. Seaplane type vertical tail surfaces 10 lbs.*
 - 153. Propeller - adjustable metal 32-40 lbs.*

Class III:

- 301. Wheel streamlines 24 lbs.
- 302. Landing lights 11 lbs.
- 303. Three 1-1/2 minute flares 17 lbs.
- 304. Radio
 - (a) Lear 26 lbs.
 - (b) Westport 30 lbs.
- 305. Shielding 6 lbs.
- 306. Battery 32 lbs.*
- 307. Generator 26 lbs.
- 308. Dual "Y" control column 4 lbs.
- 309. Air brakes 10 lbs.
- 310. Thermocouples 6 lbs.
- 311. Litter 12 lbs.
- 312. Propeller - adjustable metal (landplane)
(Item 153 for seaplane) 32-40 lbs.*
- 313. Miscellaneous instruments
- 314. Engine crankcase cooling disc
(mounted on forward part of engine crankcase) 3 lbs.
- 315. (a) Two extra 15 gallon fuel tanks in
lower wing roots when changed in
accordance with Drawings 20338
and 20339 25 lbs.*
- (b) 6-1/2 gallon oil tank No change in weight
- 316. Skis (use actual weights
Fairbanks MF-2)

NOTE 1. Five-place aircraft must have:

- (a) Additional safety belt installed on rear passenger seat.
- (b) Actual weight and balance report showing that rearward C.G. limit not exceeded.

II - MODELS CJC and CJC-S ("S" denotes 1935 model)

Engine Wright R-760 250 hp

III - MODEL DJC-6

(Same as CJC and CJC-8 except engine installation. Lower diagonals in the engine mount side trusses must be 1-1/8" -049" SAE 4130. Manufacturer's affidavit required.)

Engine Wright R760E-1

Placard limits Maximum, except take-off
-- in.Hg., 2100 rpm (285 hp)
Take-off (one minute)
-- in.Hg., 2100 rpm (285 hp)

Placard speeds Landplane:
Level flight or climb - 150 mph True Ind.
Glide or dive - 180 mph True Ind.

Seaplane:
Level flight or climb - 135 mph True Ind.
Glide or dive - 162 mph True Ind.