

PIPER AIRCRAFT CORPORATION

MODELS: Piper Cub E-2, 2 PO-CIM

T.C. NUMBER: ATC 455

Engine	Continental A-40, A-40-2, A-40-3 (or A-40-4 on serial numbers 66, 72 and up having demountable engine mount)
Placard limits	(A-40) (A-40-2) Maximum except take-off -- in.Hg., 2550 rpm (37 hp) (A-40-3) Take-off (one minute) -- in.Hg., 2550 rpm (37 hp) (A-40-4) Maximum, except take-off -- in.Hg., 2575 rpm (40 hp) (A-40-4) Take-off (one minute) -- in.Hg., 2575 rpm (40 hp)
Propeller	Wood
Placard speeds	Not required
Fuel capacity	9 gallons (one tank in fuselage)
Cil capacity	1 gallon
No. passengers	1
Baggage	5 lbs. (provided approved compartment is installed aft of cockpit - otherwise 0 lbs.)
Weights	Empty use actual (approximately 556 lbs. with Class I items) Standard 970 lbs.
C.G. limits	(+16) in. and (+20.5)
Specification basis	Approved Type Certificate No. 455
Serial numbers	26 and up manufactured prior to 3/24/37 eligible. Approval expired as of that date.

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

Class I:

- 101. 7.00-4 wheels
- 102. Tail skid

Class II:

None

Class III:

- 301. Cockpit enclosure 7 lbs.
- 302. Steerable tail wheel and 6.00-2 tire (Goodyear - Aircraft Associates installation, Drawing E-4) 3 lbs.\*
- 303. (a) 8.00-4 wheels with 8.00-4 2-ply tires
- (b) 16x7-3 wheels (Goodyear 3LNBM) No change in weight
- 304. Skis
  - (a) Piper S-1000
  - (b) Air Transport A or 1220-480
  - (c) Federal SA-1
  - (d) Marston MFS-1200

**NOTE 1.** Manufacturer's serial numbers 66, 72 and up have demountable engine mount.

**NOTE 2.** The wing spars on serial numbers 84 and up have straight butts with "U" shaped reinforcements instead of triangular shaped butts with hole drilled thru spar for fuselage attachment bolts.

**NOTE 3.** The airplanes eligible are also approved with alternate seats, heel wells, and rudder pedals in accordance with Drawings J2-A46, J2-A62 and J2-A65. Installation may be made in field using parts furnished by manufacturer.

**NOTE 4.** Eligible for export to all countries except Great Britain, Canada, and Australia (5/14/38).