

PASPED AIRCRAFT CORPORATION

MODELS: Pasped Skylark W-1, 2 PO-C-LM

T.C. NUMBER: 2-546

Engine	Warner Scarab Series 40
Placard limits	Maximum, except take-off -- in.Hg., 2050 rpm (125 hp) Take-off (one minute) -- in.Hg., 2050 rpm (125 hp)
Propeller	Maximum permissible diameter 9 feet
Placard speeds	Level flight or climb - 130 mph Indicated Glide or dive - 160 mph Indicated Flaps extended - 100 mph Ind.
Fuel capacity	31 gallons (1 tank aft firewall) (-1)
Cil capacity	3-1/2 gallons (-20)
No. passengers	1 (+34), pilot (+34)
Baggage	10 lbs. (Compartment aft of cockpit) (+70)
Weights	Empty - Use actual (approximately 1313 lbs. (+21)) (with Class I items only) Standard - 1900 lbs. (+17.9) and (+22.7)
C.G. limits	(+17.9) and (+22.7)
Specification basis	Aeronautics Bulletin 7A, Section 3
Serial numbers	1 only eligible

EQUIPMENT: (Datum is wing leading edge) (* Denotes net increase)

Class I:

101.	Propeller - wooden (includes hub)	30 lbs.	(-54)
102.	Engine ring cowl	6 lbs.	(-44)
103.	Exhaust manifold	6 lbs.	(-41)
104.	Standard instruments (airspeed, altimeter, tachometer, electric fuel gauge, oil temp., oil press)	4-1/2 lbs. (+13)	
105.	6.50-10 wheels (Autofan F-511) and tires	51 lbs.	(-2)
106.	Shock struts (Pasped Drawing 1G-2)	6 lbs.	(+5)
107.	8 inch streamline tail wheel and tire	4 lbs.	(+213)
108.	Wheel streamlines	19-1/2 lbs. (+17)	
109.	Aileron static balance weights and arms at 4 lbs. each	8 lbs.	(+68)
110.	Elevator tab control unit (Pasped), range up 6 degrees, down 23 degrees	1-1/2 lbs. (+193)	
111.	Sliding cockpit enclosure	10 lbs.	(+39)
112.	Airplane rigging instructions		

Class II:

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

Class III:

301.	Starter (Eclipse Y-150)	20 lbs.	(-34)
302.	Battery (6 volt) and box	22 lbs.	(-12)
303.	Optional instruments (compass, rate of climb, clock, turn and bank indicator, head temperature indicator)	5 lbs.	(+13)
304.	Parachutes (2 at 20 lbs.)	40 lbs.	(+34)

NOTE 1. Eligible for export as follows, subject to inspection for equipment specified in Chapter XII of Inspection Handbook (8/6/38):

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