

SERVICE

MEMO

Service Memo No. 42

GENERAL SPECIFICATIONS (Commercial Models)

PIPER CUB COUPE

MODEL: J4A-65

TYPE: Two place, closed, land, high wing monoplane

ACCOMMODATIONS: Enclosed cabin seating two side-by-side; dual controls, door on each side of cabin; baggage compartment (20 x 40 x 14) aft of seat.

AIRFRAME SPECIFICATIONS:

Wing Span	36 feet 2 inches
Wing Chord	5 feet 3 inches
Wing Area, including Ailerons	183 Sq. Ft.
Aspect Ratio	7.147
Overall Length	22 feet 6 inches with Continental Engine
Cockpit Height	50 1/2 inches
Seat Width	41 inches
Seat Height Above Floor	12 inches
Height of Seat Back	22 inches
Seat Back to Control Stick	20 inches
Control Stick Grip Above Floor	23 inches
Seat Back to Rudder Pedals	36 inches
Width of Luggage Compartment	39 inches
Breadth of Luggage Compartment	22 inches
Depth of Luggage Compartment	12 inches
Width of Firewall	33 3/4 inches
Depth of Firewall	34 1/4 inches
Width of Instrument Panel	38 inches
Fuselage Frontal Area	15.23 Sq. Ft.
Stabilizer Area (Two Sides)	14.66 Sq. Ft.
Elevator Area (Two Sides)	10.64 Sq. Ft.
Stabilizer Span (Overall)	9 feet 6 inches
Horizontal Tail Aspect Ratio	3.57
Fin Area	4.66 Sq. Ft.
Rudder Area	6.76 Sq. Ft.
Rudder Height	4 feet 5 inches
Vertical Tail Aspect Ratio	1.74
Aileron Chord	13 1/2 inches
Aileron Span	8 feet 6 1/2 inches
Aileron Area (Each)	9.6 Sq. Ft.
Wheel Tread	76" (Static)
Tire Size	8.00 x 4

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AIRFRAME SPECIFICATIONS (Continued)

Wing Leading Edge to Axle Centerline.....	4 5/8 inches
Axle Centerline to Tail Wheel.....	14 feet 7 inches
Tail Wheel Size.....	6 x 2.00
Height of Upper Surface of Wing Above Ground.....	(7 feet 4 inches level) (6 feet 5 1/2 inches 3 Pt.)
Gross Weight.....	1301 pounds
Empty Weight.....	650 pounds
Useful Load.....	651 pounds