



PIPER J3 CUB - 1937- 47

General specification:
Wing span 35' 2.5"
Length 22' 4.5"
Wing area 178.5 sq.ft.
Wing loading 6.16 lbs/sq.ft.
Weight empty 680 lbs.
Useful load 540 lbs.
Top speed 87 mph
Landing speed 38 mph
Range at cruise 220 miles
Maximum ceiling 12.000 feet
Fuel capacity 12 gals.
Oil capacity 1 gal
Fuel consumption 4.46 gals/h

Power:
Continental A-65-85
Lycoming O-145
Franklin 4AC-65
all 65 HP at 2500/2550 rpm

Coloring notes:
Standard factory issue - overall Cub Yellow
(deep red - yellow), black trim
other colors at customer's request

1/4 SCALE RC
Wing span: 2680 mm. (105,5")
Length 1780 mm. (70") approx.
Wing area: 100 dmq. (10.76 sq. ft.)
Weight: 6/7 kg. (13/16 lbs.)
Power: 20/27 cc. (1.20/1.60 cu. in.) four stroke
(1/10 scale 3 view drawing)

Reference source:
Paul Matt, Historical Aviation Album
Piper Corporation, J3 Service Manual

Projected and drawn by Paolo Severin
January 2004