

THE HAWK. 3/16

PLAN VALUE

designed by A.J. Dorrell.

A Semi-Scale profile free flight biplane for .75 cc (.049 cu.in.) engines
APS CODE B.C.

Wing platforms from two laminations of 1/32" ply & 3/32" balsa.

Strap or screw small free flight tank to fuselage on same side as cylinder head, in line with air intake.

1/4" x 5/16" Beech engine bearers

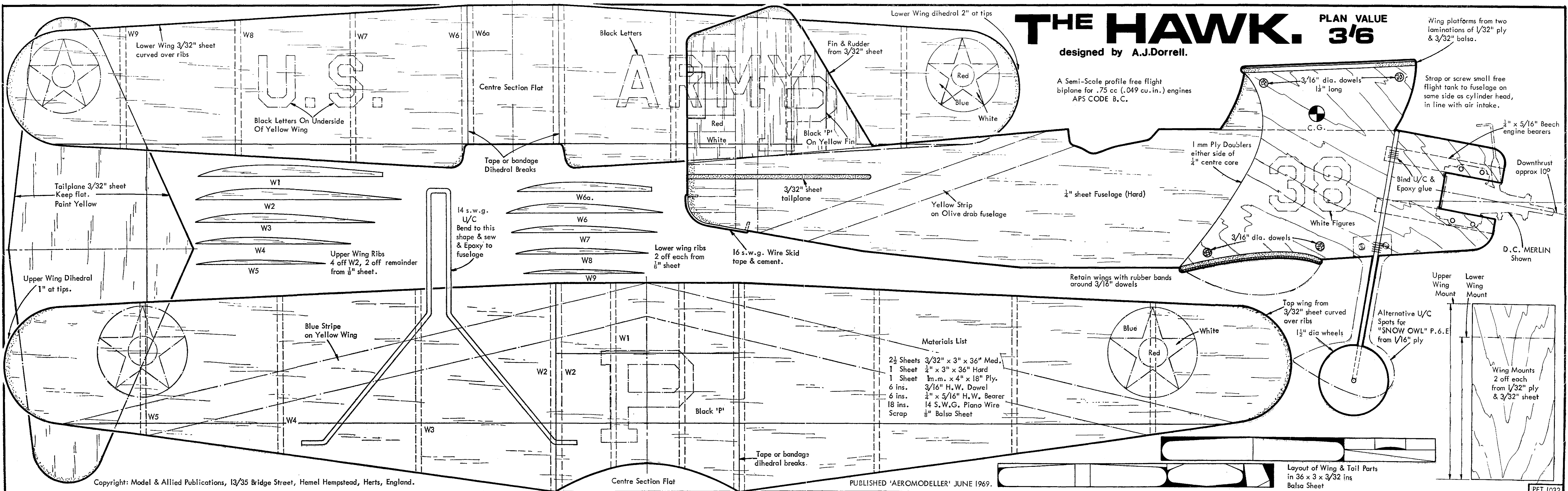
Downthrust approx 10°

D.C. MERLIN Shown

Upper Wing Mount
Lower Wing Mount

Wing Mounts
2 off each
from 1/32" ply & 3/32" sheet

Layout of Wing & Tail Parts
in 36 x 3 x 3/32 ins
Balsa Sheet



Materials List

- 2 1/2 Sheets 3/32" x 3" x 36" Med.
- 1 Sheet 1/4" x 3" x 36" Hard
- 1 Sheet 1mm. x 4" x 18" Ply.
- 6 ins. 3/16" H.W. Dowel
- 6 ins. 1/4" x 5/16" H.W. Bearer
- 18 ins. 14 S.W.G. Piano Wire
- Scrap 1/8" Balsa Sheet