1/16" ply to cover wing joint cement to one wing only

LE 1/4 sq. & 5/16" x 1/8"

No 7 dural knitting needles in cartridge paper tubes

18g hooks on undersurface cover with nylon patch Fit after covering wing

1/16" sht above and below tube note grain

1/32" ply facing

1/32" ply facing

1/32" ply facing

1/2" soft sht tips

Nylon strips at all dihedral breaks

Wing covered top and bottom with 1/16" sht

Centre wing flat

TE 1"x 1/4"

LE 1/4" sq & 5/16" x 1/8"

TE 1"x 1/4" medium balsa

Tip dihedral 8 1/2"

Wing platform from 1/8" sht grain spanwise 1/16" facing ply. 3/16" x 1/32" runner each side

16g wing hooks ends bent into balsa cover with nylon patch

Engine bearers drawn are for Frog 246 mod.

Dimension 'A' for alternative engines

Cox Olympic 15/16". Enya 15D 1 1/8"
O S Max 15 31/32". Silver streak 1"
E D 246 1 1/16". P A W 249 1"
Super Tigre 1 3/32". Oliver Tiger 1 1/8"
ETA 15 1 3/16".

Typical section through wing

Section of T P at centre section

Wing ribs 24 off 1/8" soft sht
6 off 1/4" med sht
(Dihedral and root ribs)

Tailplane ribs 10 off 3/32" soft sht

Section of fuselage at centre section

3/8" x 1/8"

1/2" x 1/4"

1/8" sq.

1/4" sq.

1/8" sq

A

Bearers 1/2" sq beech

Tank position on stbd. side shown shaded

Engine timer position

1/16" ply keel let into sawcut

Position of Tatone Tick off timer

22g spring and nylon DT line

Fuselage from 1" medium balsa

Soft balsa block

1/16" ply facings

2" x 1" x 1/8" balsa grain spanwise

Cut out for ballast

1/2" sht tips soft balsa

1/8" sht reinforcement

LE 1/4" sq med balsa

T P covered with 1/16" on top 1/32" on bottom

18g hook cover with nylon patch

TE 1/2" x 1/8" med

18g hooks each side cover with nylon patch

14g alloy tube ends belled

1/16" sht.

3/8" x 1/8"

1/2" x 1/4"

1/8" sq.

Fin construction

1/4" sq

1/16" sht.

Shape fin after cementing together

NORTH POLE

MA 370 R.J.NORTH 4'6

Engines 2·5 cc

SPAN 72" LENGTH 45"

© Model Aircraft 1962

19-20 Noel St London W.1.