

THRIFT

designed by

P.D. Miller

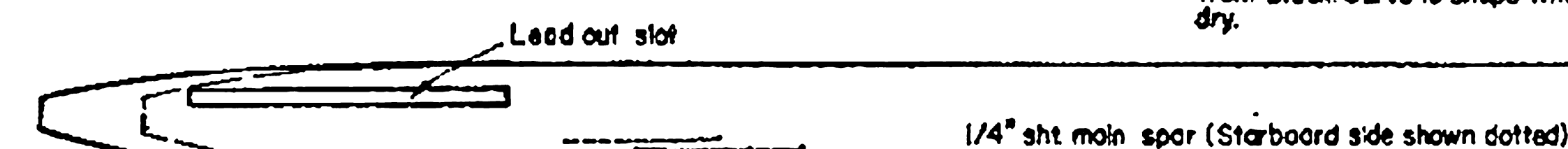
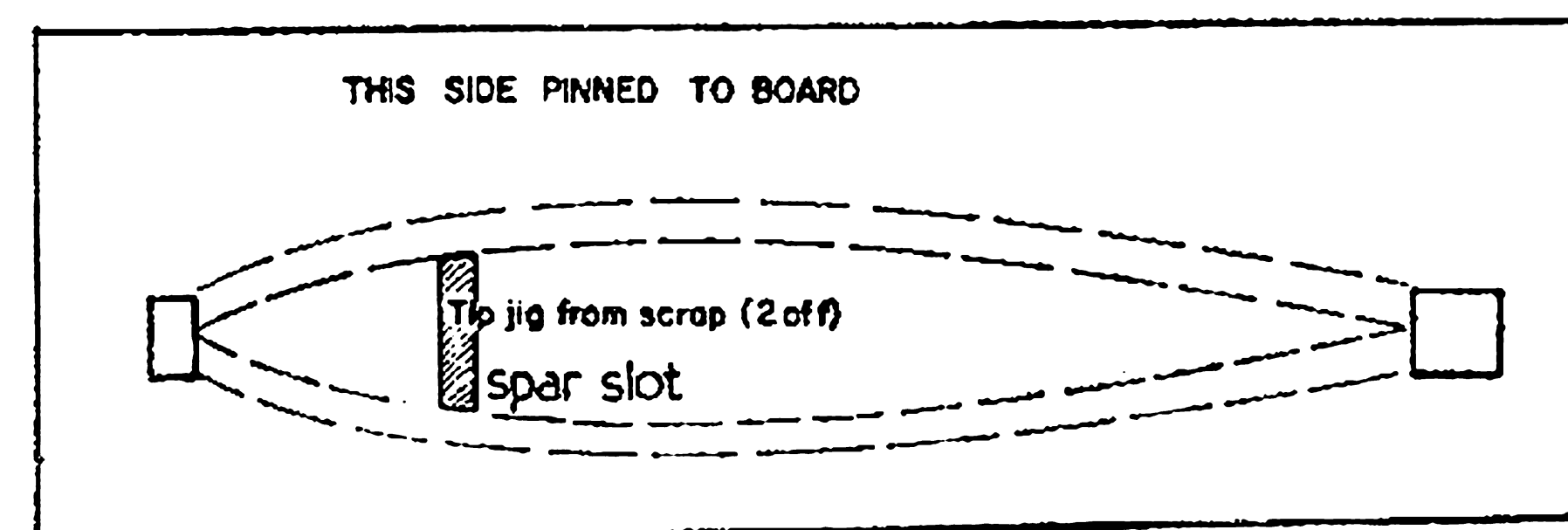
75p

The Aeromodeller Plans Service

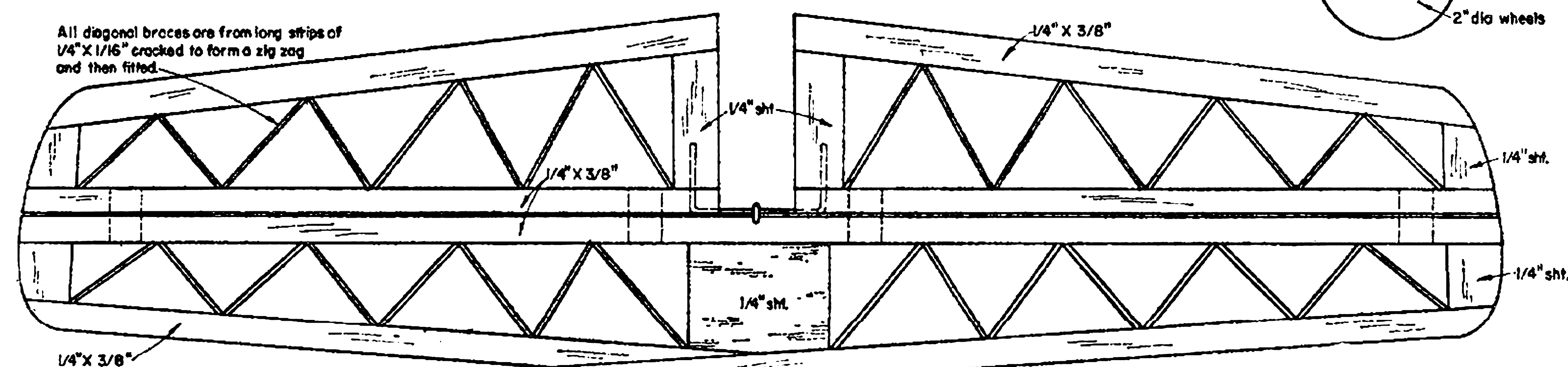
13-35 Bridge Street, Hemel Hempstead, Herts.

Cut 82 ribs 1/4" wide with template,
from 3/32" sheet.
Build fuselage less all top formers. Pin down inverted aligns
between arrowed lines. NOTE wing is drawn inverted for
this reason. Slide spars, L.E. & T.E. (spar is joined first) through
cut out in fuselage.
Fit lip jigs in place and glue spars to fuselage.
Ribs are fitted by trimming at trailing edge.
When dry remove from board, fit top ribs in same way, add
tips, lip weight, controls and lead out tubes and then cover
and give one coat of dope before completing construction.

All wood balsa, unless stated otherwise.



All diagonal braces are from long strips of 1/4" X 1/16" crooked to form a zig zag and then fitted.



All control surfaces hinged with R/C type hinges.

Tip its pain—

Lead out
tubes epoxy
in position.

3180

3" boiler crank

3/8"
 bearing

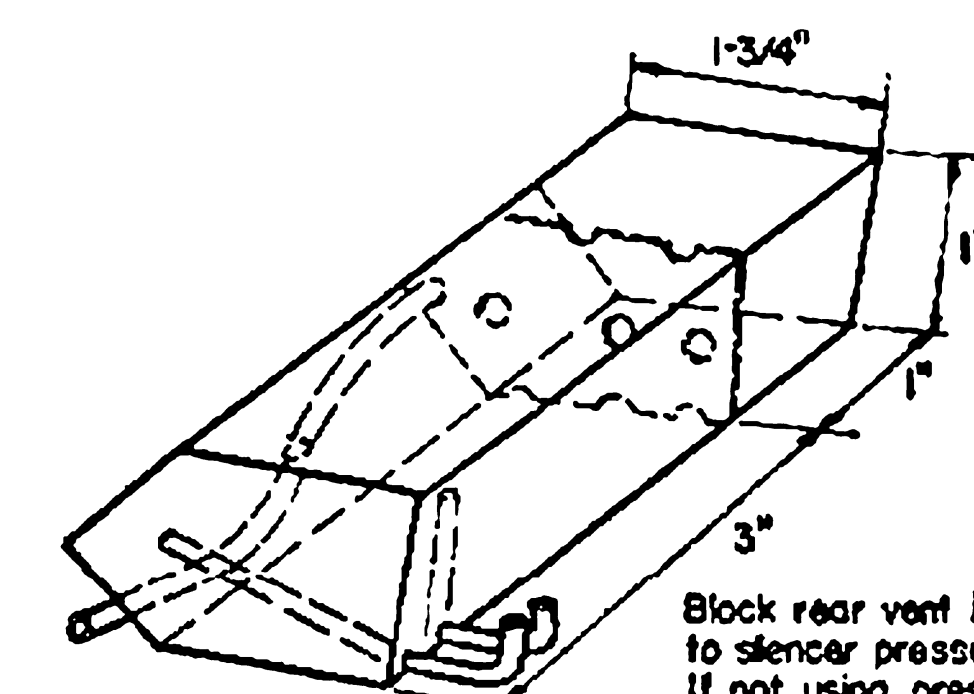
14" dia

1/4" X 1/2"

Tips from 2 lamination
of 1/8" sheet, grain
at angle to each
other.

Tip weight

Furnace attachment



Block rear vent in flight, connect front vent to slencer pressure topping.
If not using pressure, face vents forward

Typical fin cross section

Plan view

3/16" X 1/2" TF

1/4" sheet

way

3/32" sheet bottom cross ply

Shape L.E. & T.E. to chain dotted lines after completing wing structure.

Figure 1

F1 & F2 = 1/8" ply
E1 & E2 = 1/4" bal

10s.w.g. W/C saw or use
'J' bolts or nylon
saddles to retain
to F2.

RIB TEMPLATE cut from aluminium or ply
AEROMODELLER ES8 Section

Cut 2 off 3' 3/4" x 4' balsa sheets into 10" lengths, mark at 1/4" spaces down each side, align points A' with highest mark possible, cut round top line move down 1/4" & repeat.

144x150

Horns from
Mild Steel, :

1/2" sq.

~~1/2" sq.~~