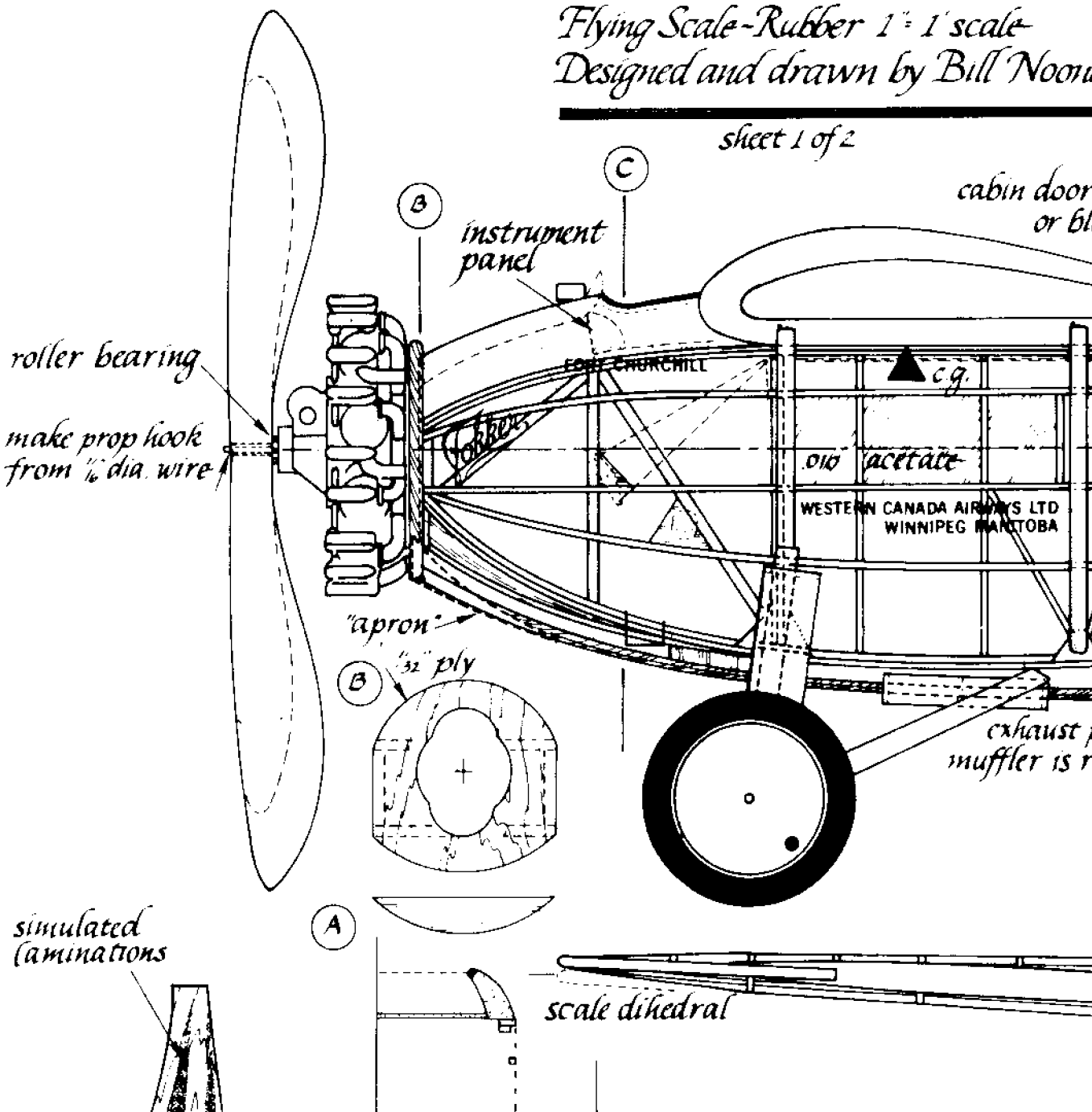
Fokker Univers

Flying Scale-Rubber 1" = 1' scale
Designed and drawn by Bill Noon

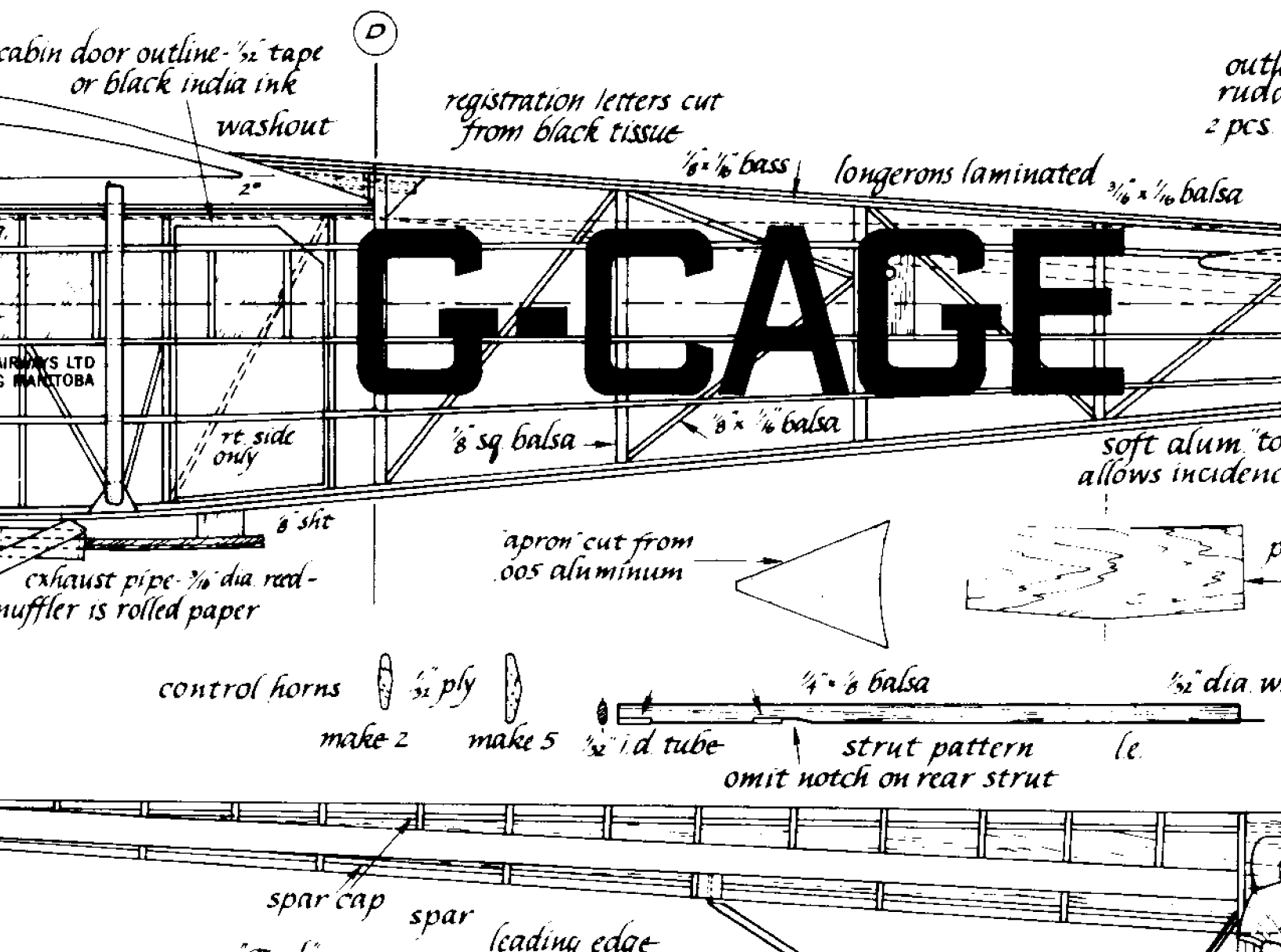
sheet 1 of 2



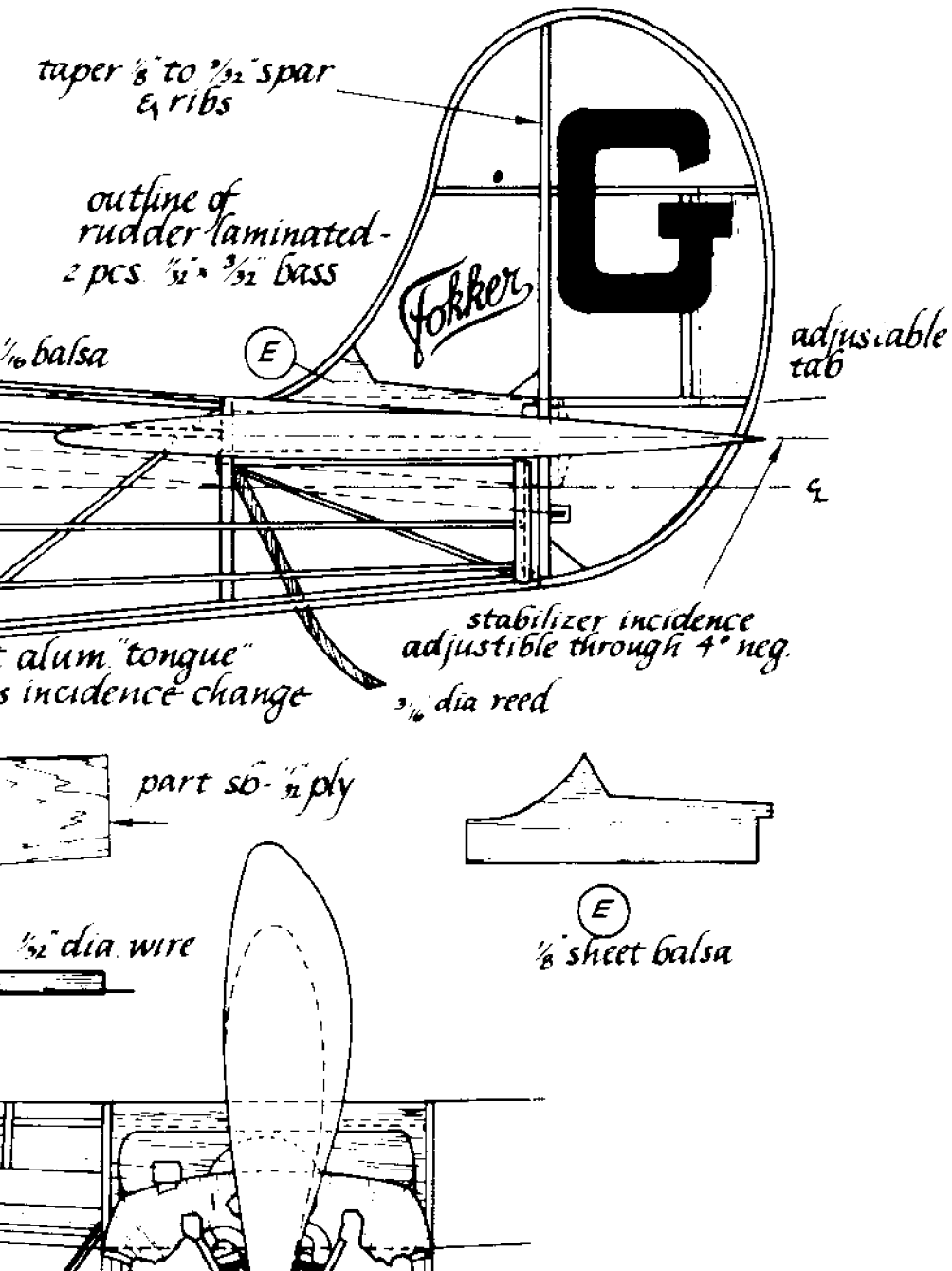
versal

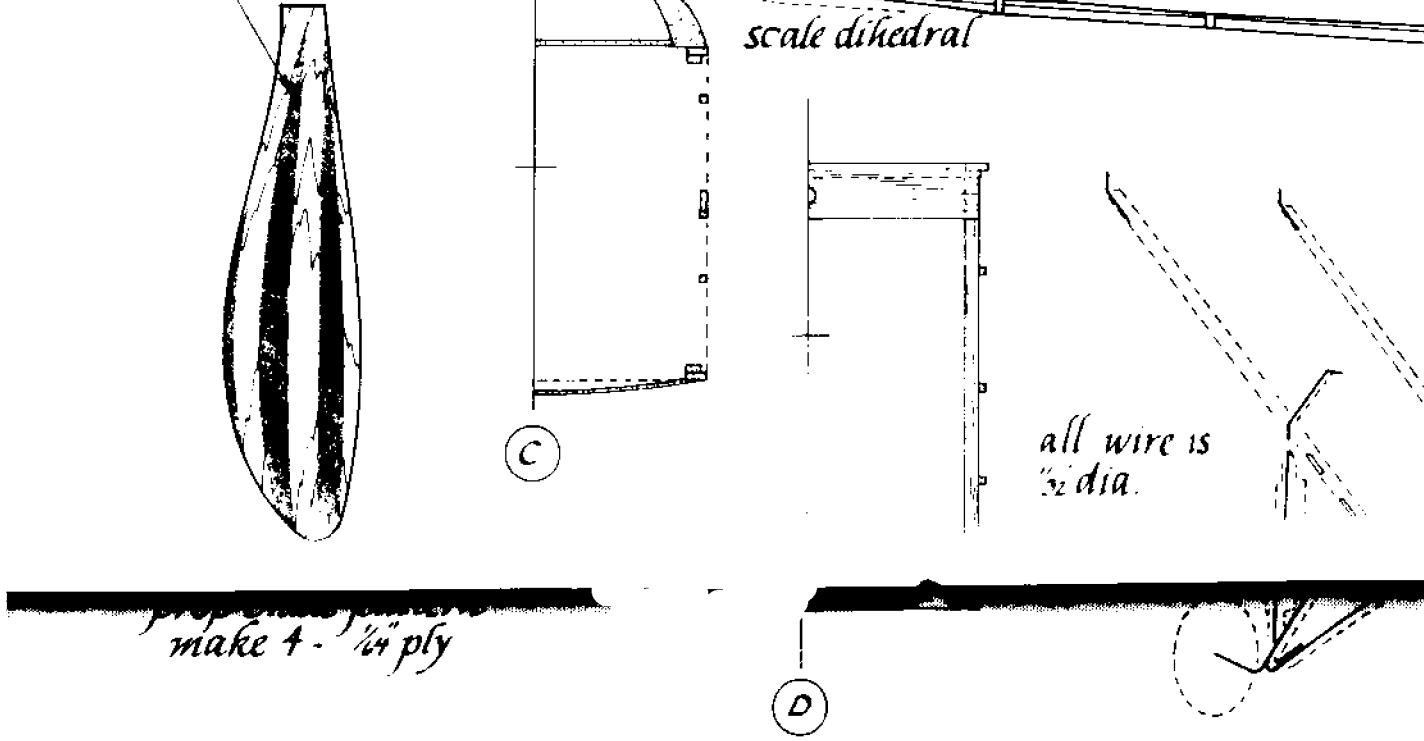
scale

Bill Noonan

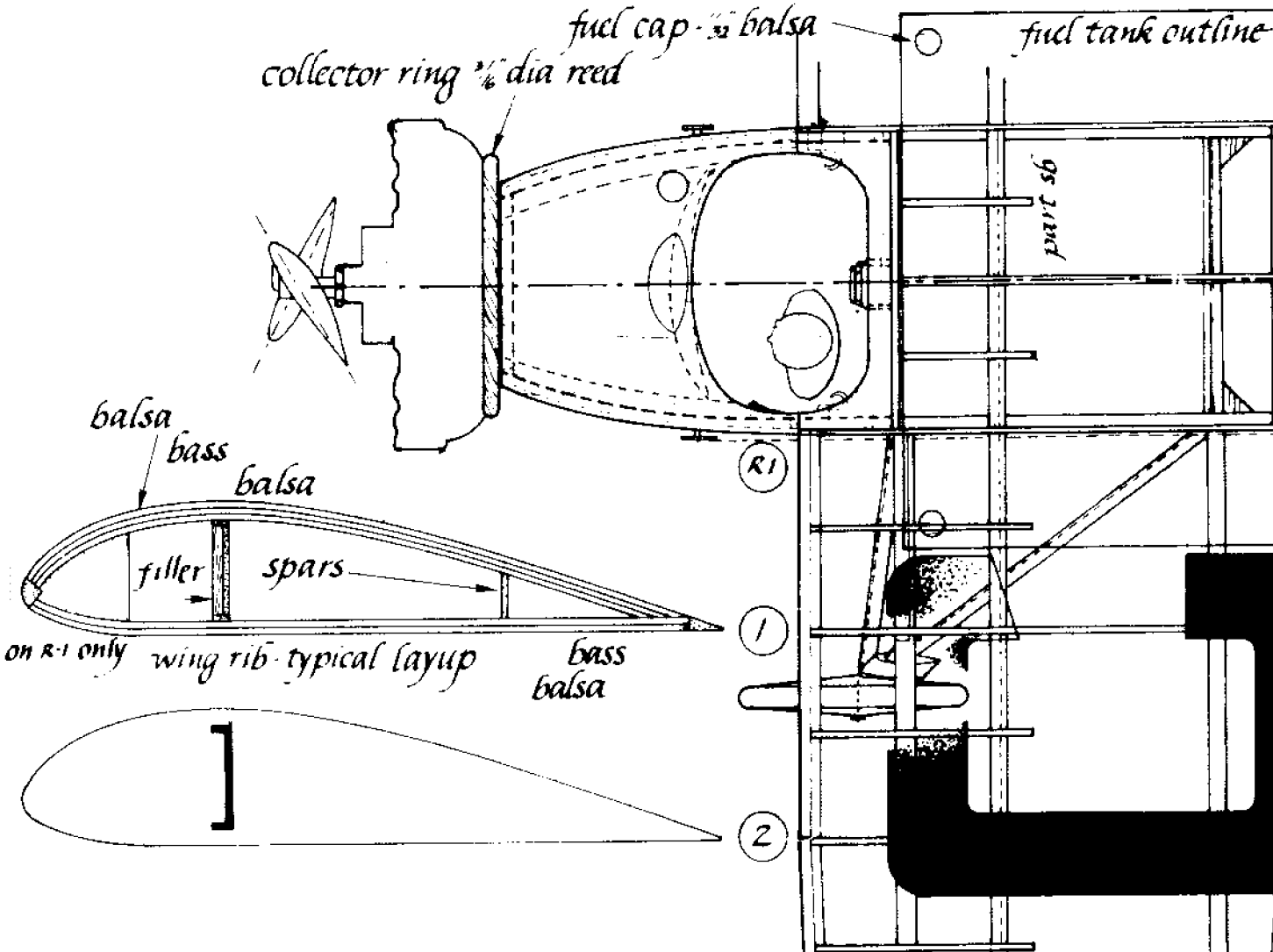


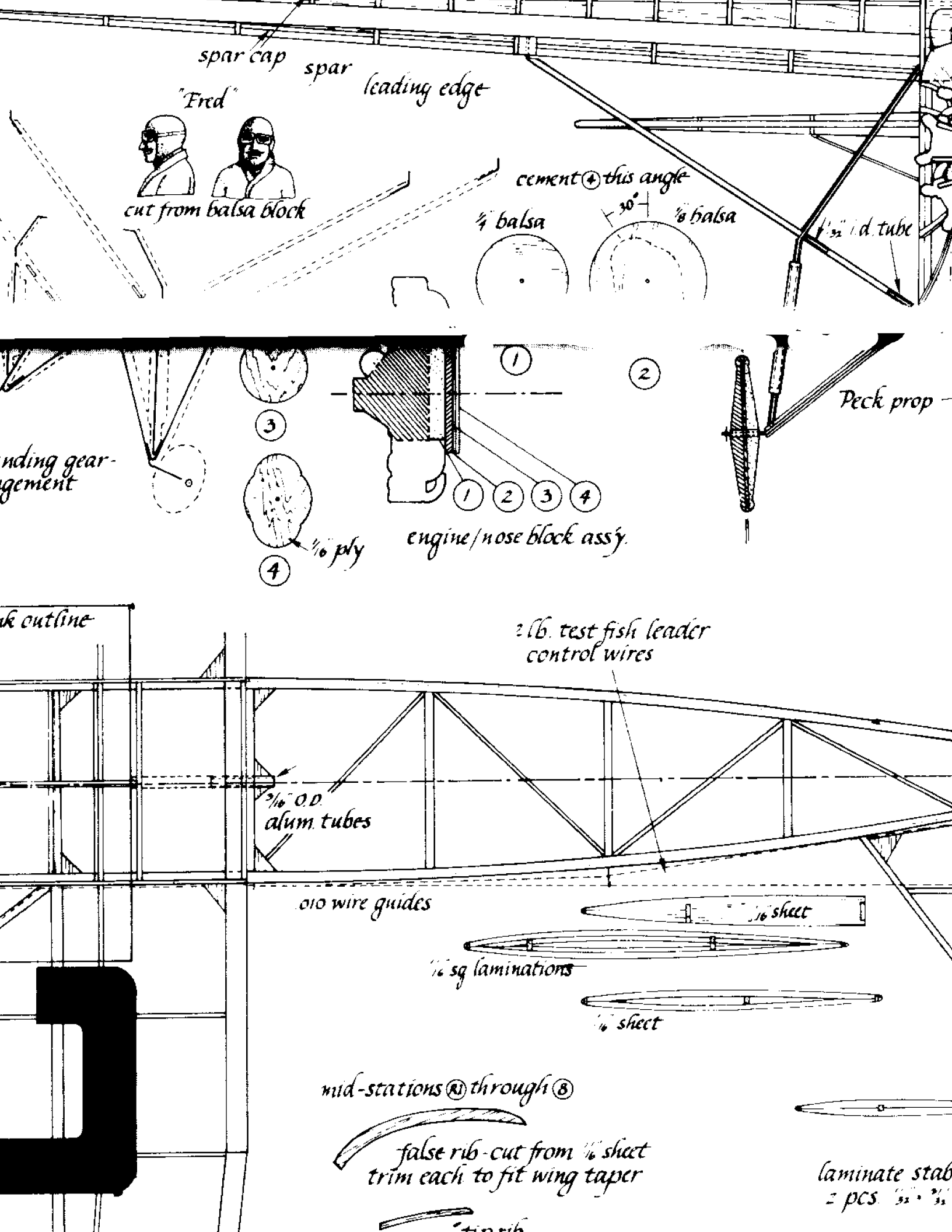
G-CAGE

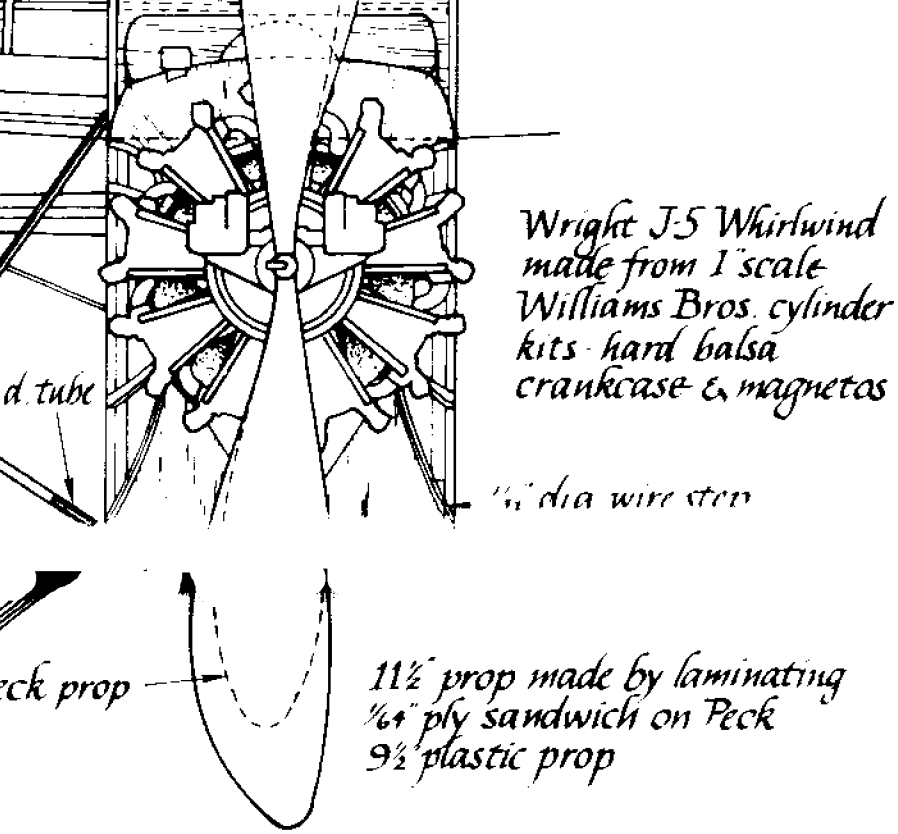

taper ⅛" to 3/32" spar
& ribs
outline of
rudder laminated -
2 pcs 1/32" x 3/32" brass
1/16 balsa
E
Fokker
G
adjustable
tab
℄
stabilizer incidence
adjustible through 4° neg.
alum "tongue"
s incidence change
3/16 dia reed
part 56 - 1/32 ply
E
⅛" sheet balsa
1/32" dia wire

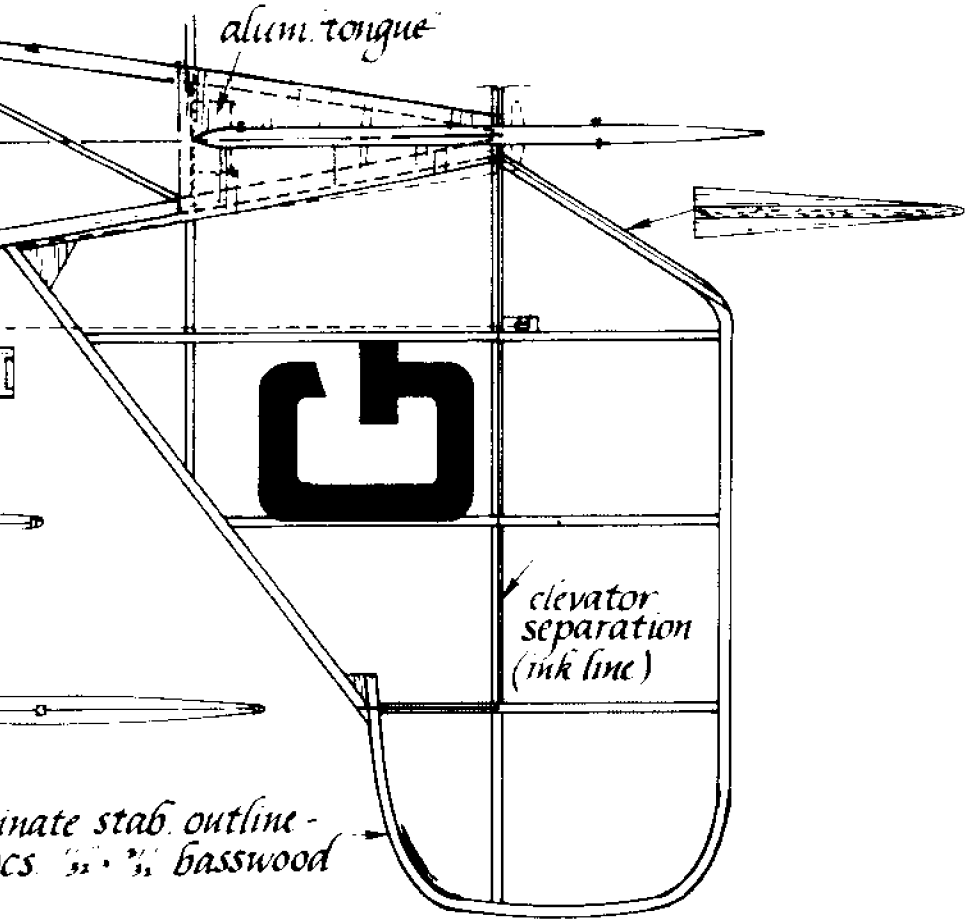


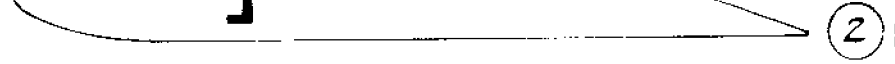
struts and landing gea
general arrangement

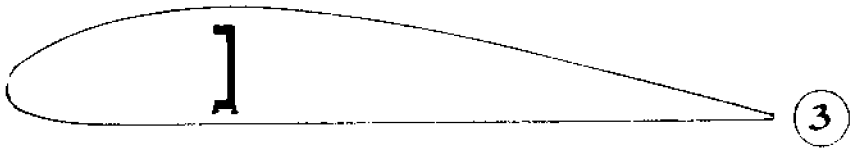


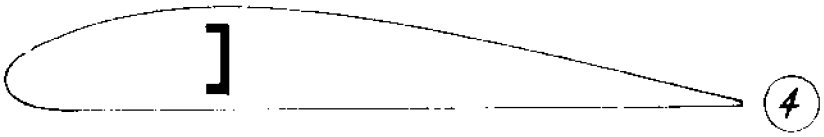

spar cap
spar
leading edge
"Fred"
cut from balsa block
cement ④ this angle
30°
¼" balsa
⅛" balsa
⅛" I.d. tube
nding gear-
gement
3
4
1/16 ply
1
2
1
2
3
4
engine/nose block assy.
Peck prop
k outline
2 lb. test fish leader
control wires
3/16" O.D.
alum. tubes
.010 wire guides
1/16 sheet
1/16 sq laminations
1/16 sheet
mid-stations ⓡ through ⑧
false rib - cut from 1/16 sheet
trim each to fit wing taper
laminate stab
2 pcs 1/32 • 3/32

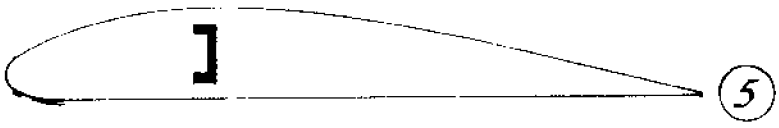

Wright J-5 Whirlwind
made from 1" scale
Williams Bros. cylinder
kits - hard balsa
crankcase & magnetos
d. tube
eck prop
11½" prop made by laminating
1/64" ply sandwich on Peck
9½" plastic prop

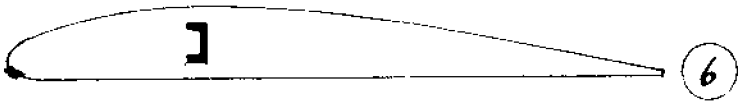

alum. tongue
elevator
separation
(ink line)
inate stab. outline -
cs. ⅛" - ¾" basswood

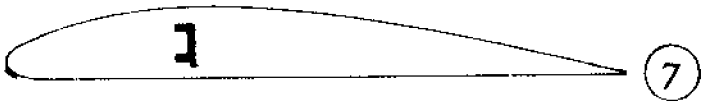


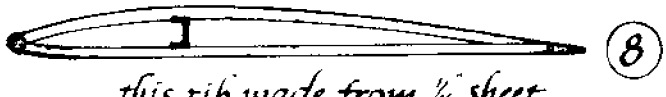




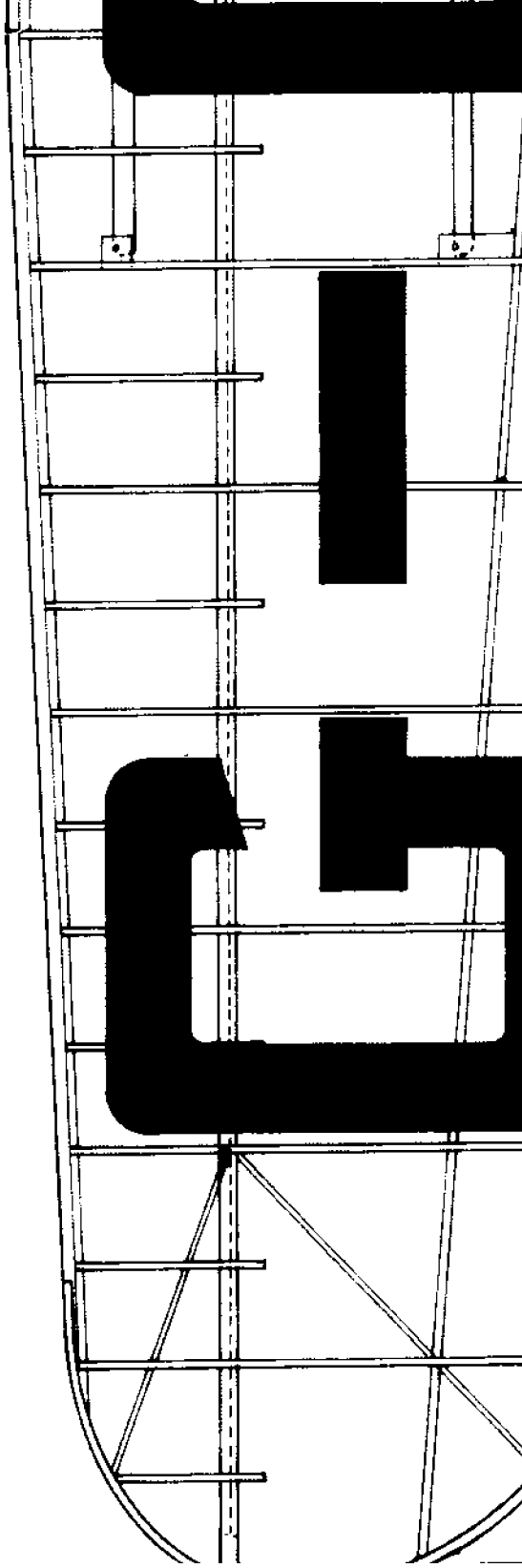


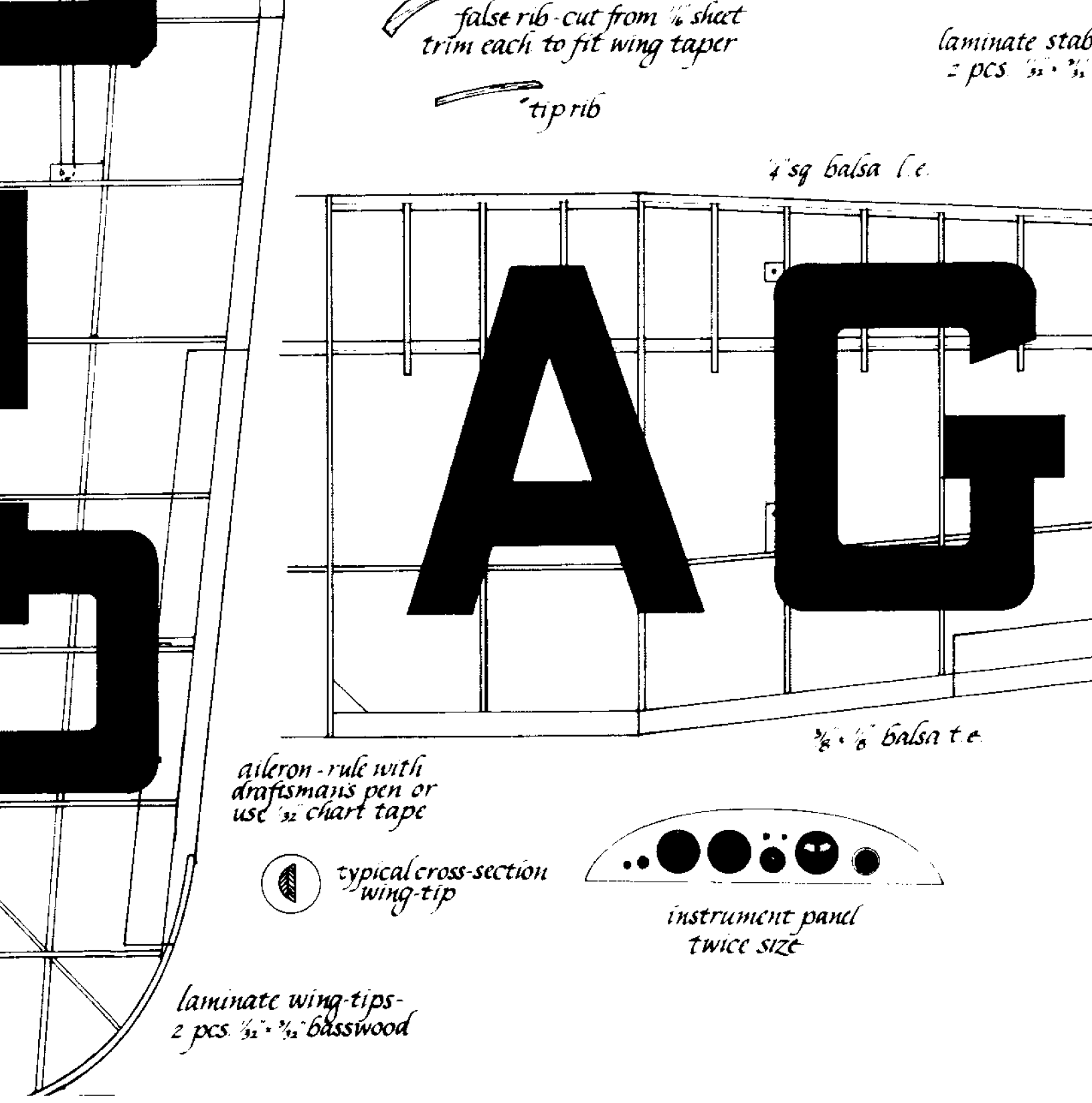


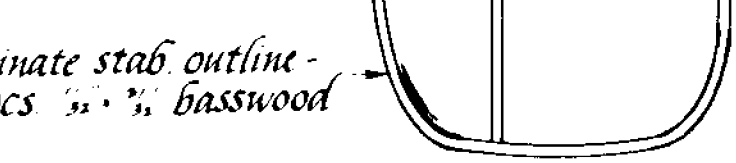


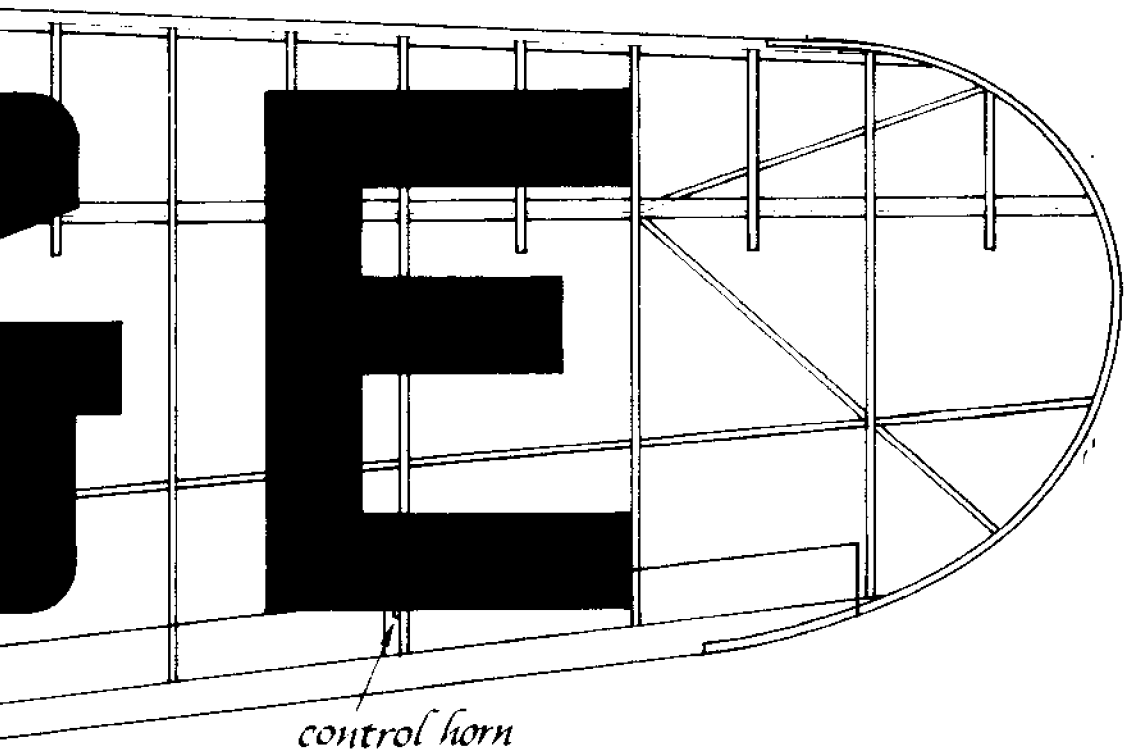


this rib made from 1/16 sheet




false rib - cut from ⅛" sheet
trim each to fit wing taper
tip rib
laminate stab
2 pcs. 1/32" x 3/32"
¼" sq balsa l.e.
3/8" x 1/8" balsa t.e.
aileron - rule with draftsmans pen or use 1/32" chart tape
typical cross-section wing-tip
instrument panel twice size
laminate wing-tips -
2 pcs. 1/32" x 1/2" basswood





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sheet 2 of 2