BOEING P-26A

H.E

F-1 1/8" Ply
1-7/8" R
F-2 1/8" Ply
F-8 1/8" Balsa
2-17/32"
1-25/32" R.
F-5 1/8" Ply.
F-9 7/16" F.
1/8" balsa
1-1/4" R
F-6 1/8" Ply
2-17/32" R
F-4 1/8" Ply
2-21/32 R
F-3 1/8" Ply
2-5/32 R
F-7 1/8" Balsa
2-7/32" R
1-11/32 R
Cowl ring 1/2" sheet balsa 4 Req.

Bend rear strut here. See side view.
Bend front strut here
End front strut here
Landing gear detail front & rear strut 1/8" piano wire.

Leading edge formed from 5/8" balsa sheet
Outer wing main spar - 2 Req. 1/8" balsa
Soft balsa block
Navigation Light
W-1
W-2
W-3
W-4
1/16" Dowel
Aux. fuel
W-2 Rib outline
W-1 Rib outline 10- req
.030 Wing flying wires
See front view
Flap outline
Insignia top & bottom both wing panels red dot, white star, blue disc.
Aileron outline
1/32" Sht. alum. tabs
Seam line
3/32" Sheet balsa top planking
C-1
1/8" Ply
C-2
C-3
Main spar
C.C.-4
Top planking omitted for clarity
1/16" Brass tubing segments for hinge bearings use 1/32 P.W. hinge pins
Stab & elev. 3/4" soft sht. balsa
Basswood inserts
Taper
3/32" Sheet balsa bottom plank.
"J" bolt holes 5/64" Dia.
L.G. strut
C.C. 2 & 3 1/8" Ply.
Extend C.C.2 & 3 if additional root strength req.
Fillet
Trim tab outline
Dummy rudder cont. cables extend thru if moveable controls are used.
Elev. control horn.
Main spar 1/8" sheet balsa.

1/8" Ply bellcrank mount & floor
Form seat of .010 sheet alum.
3/32" Sheet
1/8"X3/8" Planking strip - entire fuselage
1/4" Sheet (HARD) balsa crutch members
Fuel tank here
3/8"X3/4" Hard maple engine bearers
Cowl strap and attaching wood screws-see detail.
Carb intake alum tubing.
1/8" Plywood cowl backplate.
Wing walk-sandpaper painted dull black both wing panels.

Air Speed Ind.
Compass
R.O. Climb
Gyro
Clock
Altitude
Ammeter
Suction
R.P.M.
Manifold Pressure
Instrument Panels
Dull matte black finish

1/16" Dowel tie bar
Mach. gun blast tube
Alum. cowl straps
1/16" Dowel tie bars
.030 Dia. flying wires
Front view showing rigging arrangement & positon of farings made of soft balsa.

NOTE:
See 1961 M.A.N. annual page 31 for excellent 4 view drawings with good scale. detail

Remove top crutch section after assy.
.040 Celluloid windscreen
Hardwood mast
Build up gunsight from brass tubing
1/2" Sq. sight mount shape as shown.
Soft balsa block headrest
Hollow out as shown
Seat outline
1/4" Hard balsa crutch
Soft balsa blocks
Instrument panel
F-2
F-7
F-8
F-1
F-5
Floor
F-9
F-3
F-6
Bellcrank
F-4
3/32" Dia. piano wire pushrod
Machine gun blast tube
Indicates dummy radial engine crankcase fairing-see front view for outline. Detail is not shown, use hardwood form and dead soft .020 alum. sheet. Refer to photos for other information for this detail.
Oil cooler cowl carve from soft balsa.
Exhaust headers formed from soft copper tubing
Simulated Dzus fastners
Laminate 1/2" balsa sheet for undercarriage fairings. Hollow out to receive L.G. struts.
1/8" Piano wire struts - bind with soft copper wire & solder
1/16" Dowel tie bar
.030 Dia flying wires - See front view
Soft balsa strut faring - Shape as stown
Carve wheel pants from soft balsa.
3" Banner wheels
Rudder 3/4" Soft sheet balsa.
Navigation light
Fillet
1/16" Alum. mast
Insignia blue
Insignia red
Typical 7 places
White Typ. 6 places.
Note: Offset rudder 3° for flying.
1/16" Piano wire tailwheel strut.
1-1/2" Veco wheel
Bind tailwheel strut to 1/16" ply plate - use copper wire
Tailwheel faring carve from soft balsa.

Solder wheel retaining washers to landing gear. Position wheel pants halves and coat with epoxy resin at all points of contact with landing gear. Also at point where halves join.
LANDING GEAR AND WHEEL PANTS DETAIL
BC TOM VIEW

COWL STRAP DETAIL
1-15/16"
Epoxy
Shape to fit cowl.
3/4"
Angle screws into motor mount - see top view.
1-3/4"
.060 Alum. - 2 req.
Screw into position on motor mount and then epoxy to cowl.

W4
W3
1/8" Balsa - 2 ea. req.

Drawn: JERRY WORTH Inked: Herb Kohler