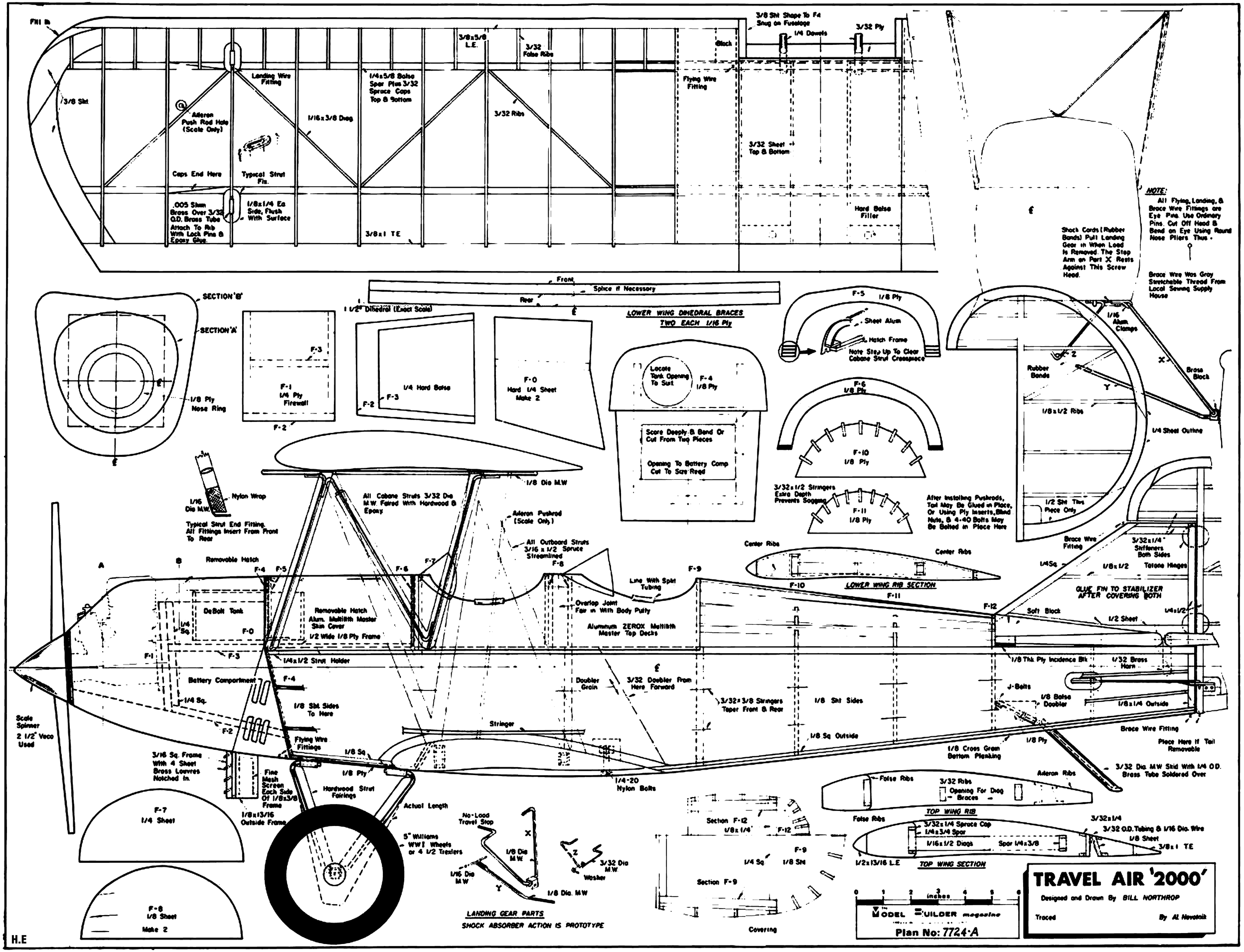
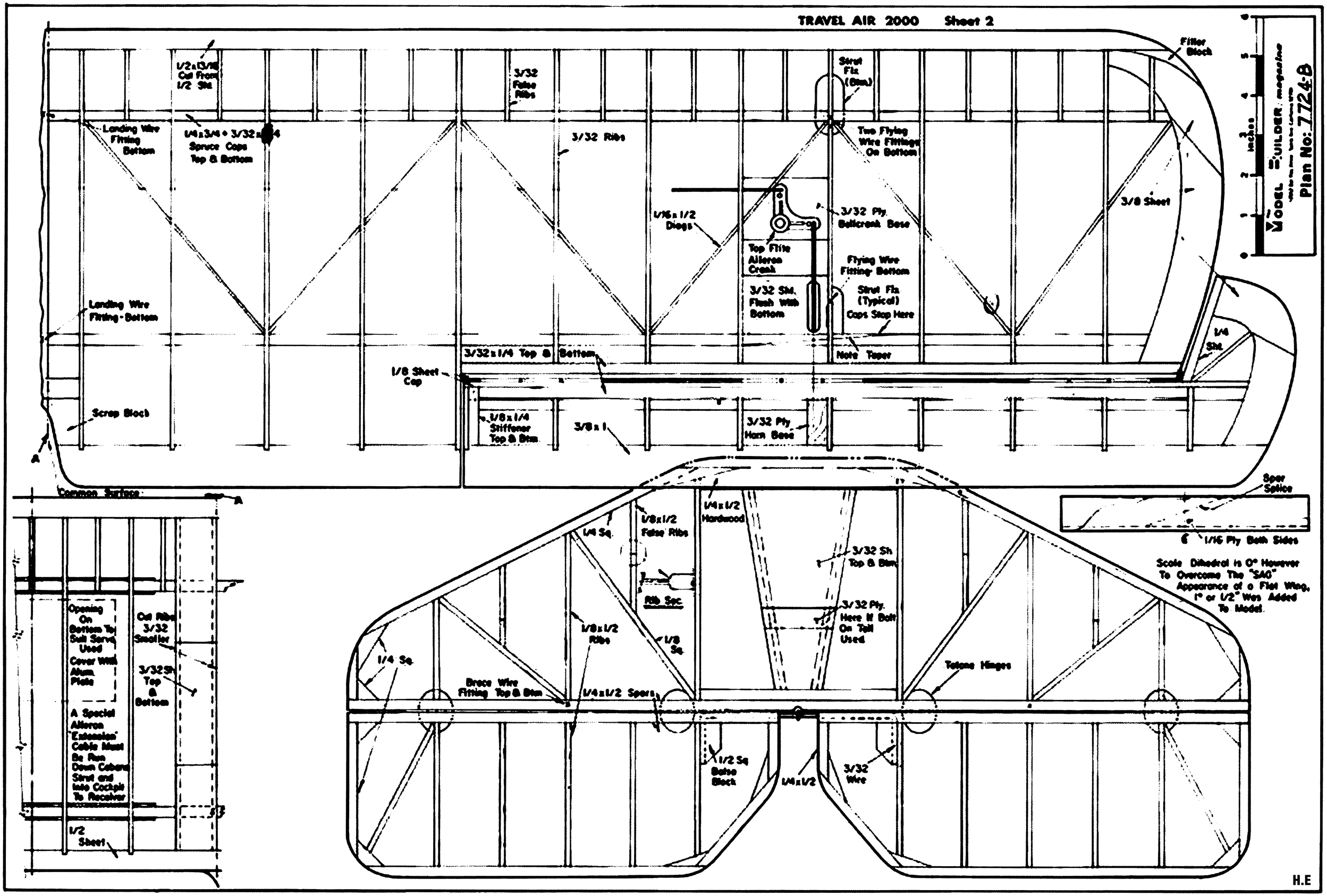

F11 Rib
3/8 Sht
Aileron Push Rod Hole (Scale Only)
Caps End Here
Typical Strut Fin.
.005 Shim Brass Over 3/32 O.D. Brass Tube Attach To Rib With Lock Pins & Epoxy Glue.
1/8x1/4 Ea Side, Flush With Surface
Landing Wire Fitting
1/16x3/8 Diag
1/4x5/8 Balsa Spar Plus 3/32 Spruce Caps Top & Bottom
3/8x1 TE
3/8x5/8 L.E.
3/32 False Ribs
3/32 Ribs
Block
Flying Wire Fitting
3/32 Sheet Top & Bottom
3/8 Sht Shape To F4 Snug on Fuselage
1/4 Dowels
3/32 Ply
Hard Balsa Filler
NOTE:
All Flying, Landing, & Brace Wire Fittings are Eye Pins. Use Ordinary Pins. Cut Off Head & Bend an Eye Using Round Nose Pliers Thus.
Shock Cords (Rubber Bands) Pull Landing Gear in When Load Is Removed. The Stop Arm on Part X Rests Against This Screw Head.
Brace Wire Was Gray Stretchable Thread From Local Sewing Supply House
SECTION 'B'
SECTION 'A'
1/8 Ply Nose Ring
1 1/2° Dihedral (Exact Scale)
From
Splice If Necessary
Rear
LOWER WING DIHEDRAL BRACES
TWO EACH 1/16 Ply
F-1 1/4 Ply Firewall
F-2
F-3
1/4 Hard Balsa
F-0 Hard 1/4 Sheet Make 2
Locate Tank Opening To Suit
F-4 1/8 Ply
Score Deeply & Bend Or Cut From Two Pieces
Opening To Battery Comp Cut To Size Reed
F-5 1/8 Ply
Sheet Alum
Hatch Frame
Note Step Up To Clear Cabane Strut Crosspiece
F-6 1/8 Ply
F-10 1/8 Ply
3/32x1/2 Stringers Extra Depth Prevents Sagging
F-11 1/8 Ply
After Installing Pushrods, Tail May Be Glued in Place, Or Using Ply Inserts, Blind Nuts, & 4-40 Bolts May Be Bolted in Place Here
1/16 Alum Clamps
Rubber Bands
Brass Block
1/8x1/2 Ribs
1/4 Sheet Outline
1/2 Sht Thin Piece Only
1/16 Dia M.W.
Nylon Wrap
Typical Strut End Fitting. All Fittings Insert From Front To Rear
All Cabane Struts 3/32 Dia M.W. Faired With Hardwood & Epoxy
1/8 Dia M.W
Aileron Pushrod (Scale Only)
All Outboard Struts 3/16 x 1/2 Spruce Streamlined
Removable Hatch
Center Ribs
LOWER WING RIB SECTION
Brace Wire Fitting
3/32x1/4 Stiffeners Both Sides
1/4Sq
1/8x1/2
Tetone Hinges
GLUE FIN TO STABILIZER AFTER COVERING BOTH
Line With Split Tubing
Overlap Joint Fair in With Body Putty
Aluminum ZEROX Multilith Master Top Decks
Soft Block
1/2 Sheet
1/4x1/2
DeBolt Tank
1/4 Sq
Removable Hatch Alum. Multilith Master Skin Cover
1/2 Wide 1/8 Ply Frame
1/4x1/2 Strut Holder
1/8 Thk Ply Incidence Blk
1/32 Brass Horn
Battery Compartment
1/4 Sq.
1/8 Sht Sides To Here
Doubler Grain
3/32 Doubler From Here Forward
3/32x3/8 Stringers Taper Front & Rear
1/8 Sht Sides
J-Bolts
1/8 Balsa Doubler
1/8x1/4 Outside
Scale Spinner 2 1/2" Veco Used
Flying Wire Fittings
1/8 Sq
Stringer
1/8 Sq Outside
1/8 Cross Grain Bottom Planking
1/8 Ply
Brace Wire Fitting
Piece Here If Tail Removable
3/16 Sq. Frame With 4 Sheet Brass Louvres Notched In.
Fine Mesh Screen Each Side Of 1/8x3/8 Frame
1/8x13/16 Outside Frame
Hardwood Strut Fairings
1/4-20 Nylon Bolts
3/32 Dia. M.W Skid With 1/4 O.D. Brass Tube Soldered Over
False Ribs
3/32 Ribs
Opening For Diag Braces
Aileron Ribs
TOP WING RIB
F-7 1/4 Sheet
Actual Length
No-Load Travel Stop
5" Williams WWI Wheels or 4 1/2 Trexlers
1/16 Dia M.W
1/8 Dia M.W
3/32 Dia M.W Washer
1/8 Dia. M.W
LANDING GEAR PARTS
SHOCK ABSORBER ACTION IS PROTOTYPE
Section F-12
1/8x1/4
F-12
F-9
1/4 Sq
1/8 Sht
Section F-9
Covering
3/32x1/4 Spruce Cap
1/4x3/4 Spar
1/16x1/2 Diags
Spar 1/4x3/8
3/32x1/4
3/32 O.D. Tubing & 1/16 Dia. Wire
1/8 Sheet
3/8x1 T.E
1/2x13/16 L.E
TOP WING SECTION
F-8 1/8 Sheet Make 2
H.E
0 1 2 3 4 5 6 inches
MODEL BUILDER magazine
Plan No: 7724-A
TRAVEL AIR '2000'
Designed and Drawn By BILL NORTHROP
Traced By Al Novotsik


TRAVEL AIR 2000 Sheet 2
Filler Block
1/2 x 13/16 Cut From 1/2 Sht.
3/32 False Ribs
Strut Fix (Btm.)
Landing Wire Fitting Bottom
1/4 x 3/4 + 3/32 x 1/4 Spruce Caps Top & Bottom
3/32 Ribs
Two Flying Wire Fittings On Bottom
3/8 Sheet
1/16 x 1/2 Diags
3/32 Ply Bellcrank Base
Top Flite Aileron Crank
Flying Wire Fitting Bottom
3/32 Sht. Flush With Bottom
Strut Fix (Typical) Caps Stop Here
Landing Wire Fitting - Bottom
1/4 Sht.
3/32 x 1/4 Top & Bottom
Note Taper
1/8 Sheet Cap
Scrap Block
1/8 x 1/4 Stiffener Top & Btm.
3/8 x 1
3/32 Ply Horn Base
A
Common Surface
A
Spar Splice
1/16 Ply Both Sides
1/4 x 1/2 Hardwood
1/8 x 1/2 False Ribs
1/4 Sq.
3/32 Sh Top & Btm
Scale Dihedral Is 0° However To Overcome The "SAG" Appearance of a Flat Wing, 1° or 1/2° Was Added To Model.
Rib Sec.
3/32 Ply. Here If Bolt On Tail Used
1/8 x 1/2 Ribs
1/8 Sq.
1/4 Sq.
Tetone Hinges
Brace Wire Fitting Top & Btm
1/4 x 1/2 Spars
1/2 Sq Base Block
1/4 x 1/2
3/32 Wire
Opening On Bottom To Suit Servo Used
Cover With Alum. Plate
Cut Ribs 3/32 Smaller
3/32 Sh Top & Bottom
A Special Aileron Extension Cable Must Be Run Down Cabane Strut and Into Cockpit To Receiver
1/2 Sheet
MODEL BUILDER magazine
Plan No: 7724-B
H.E