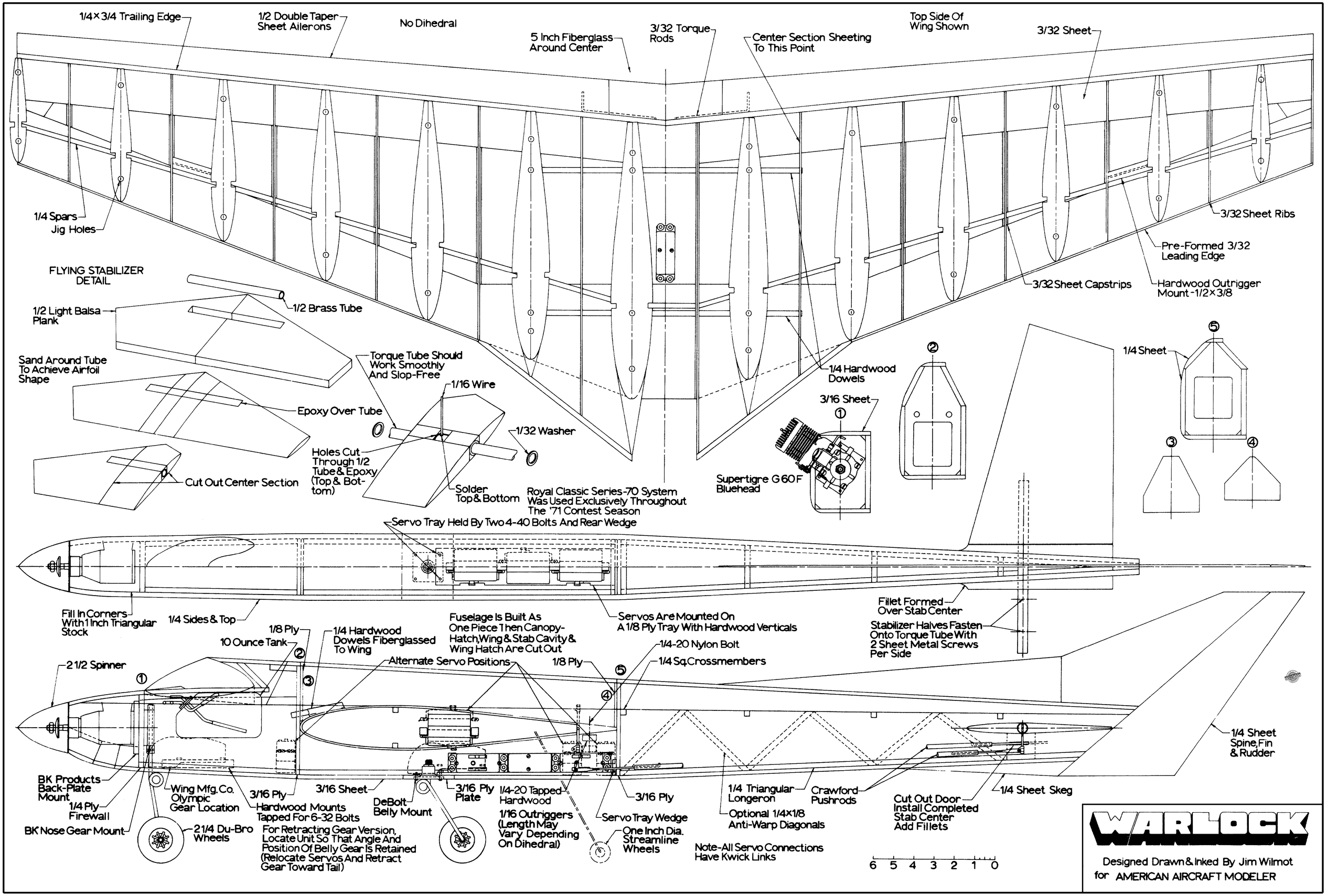
1/4 × 3/4 Trailing Edge
1/2 Double Taper Sheet Ailerons
No Dihedral
5 Inch Fiberglass Around Center
3/32 Torque Rods
Center Section Sheeting To This Point
Top Side Of Wing Shown
3/32 Sheet
1/4 Spars
Jig Holes
3/32 Sheet Ribs
Pre-Formed 3/32 Leading Edge
3/32 Sheet Capstrips
Hardwood Outrigger Mount - 1/2 × 3/8
FLYING STABILIZER DETAIL
1/2 Light Balsa Plank
1/2 Brass Tube
Sand Around Tube To Achieve Airfoil Shape
Torque Tube Should Work Smoothly And Slop-Free
1/16 Wire
Epoxy Over Tube
1/32 Washer
Holes Cut Through 1/2 Tube & Epoxy (Top & Bottom)
Cut Out Center Section
Solder Top & Bottom
1/4 Hardwood Dowels
3/16 Sheet
Supertigre G60F Bluehead
Royal Classic Series-70 System Was Used Exclusively Throughout The '71 Contest Season
1/4 Sheet
Servo Tray Held By Two 4-40 Bolts And Rear Wedge
Fill In Corners With 1 Inch Triangular Stock
1/4 Sides & Top
Fuselage Is Built As One Piece Then Canopy-Hatch, Wing & Stab Cavity & Wing Hatch Are Cut Out
Servos Are Mounted On A 1/8 Ply Tray With Hardwood Verticals
Fillet Formed Over Stab Center
Stabilizer Halves Fasten Onto Torque Tube With 2 Sheet Metal Screws Per Side
1/8 Ply
10 Ounce Tank
1/4 Hardwood Dowels Fiberglassed To Wing
1/4-20 Nylon Bolt
1/4 Sq. Crossmembers
2 1/2 Spinner
Alternate Servo Positions
1/4 Sheet Spine, Fin & Rudder
BK Products Back-Plate Mount
1/4 Ply Firewall
BK Nose Gear Mount
Wing Mfg. Co. Olympic Gear Location
2 1/4 Du-Bro Wheels
3/16 Ply
Hardwood Mounts Tapped For 6-32 Bolts
3/16 Sheet
For Retracting Gear Version, Locate Unit So That Angle And Position Of Belly Gear Is Retained (Relocate Servos And Retract Gear Toward Tail)
DeBolt Belly Mount
3/16 Ply Plate
1/4-20 Tapped Hardwood
1/16 Outriggers (Length May Vary Depending On Dihedral)
Servo Tray Wedge
One Inch Dia. Streamline Wheels
3/16 Ply
1/4 Triangular Longeron
Optional 1/4 × 1/8 Anti-Warp Diagonals
Crawford Pushrods
Note - All Servo Connections Have Kwick Links
Cut Out Door Install Completed Stab Center Add Fillets
1/4 Sheet Skeg
6 5 4 3 2 1 0
WARLOCK
Designed Drawn & Inked By Jim Wilmot for AMERICAN AIRCRAFT MODELER