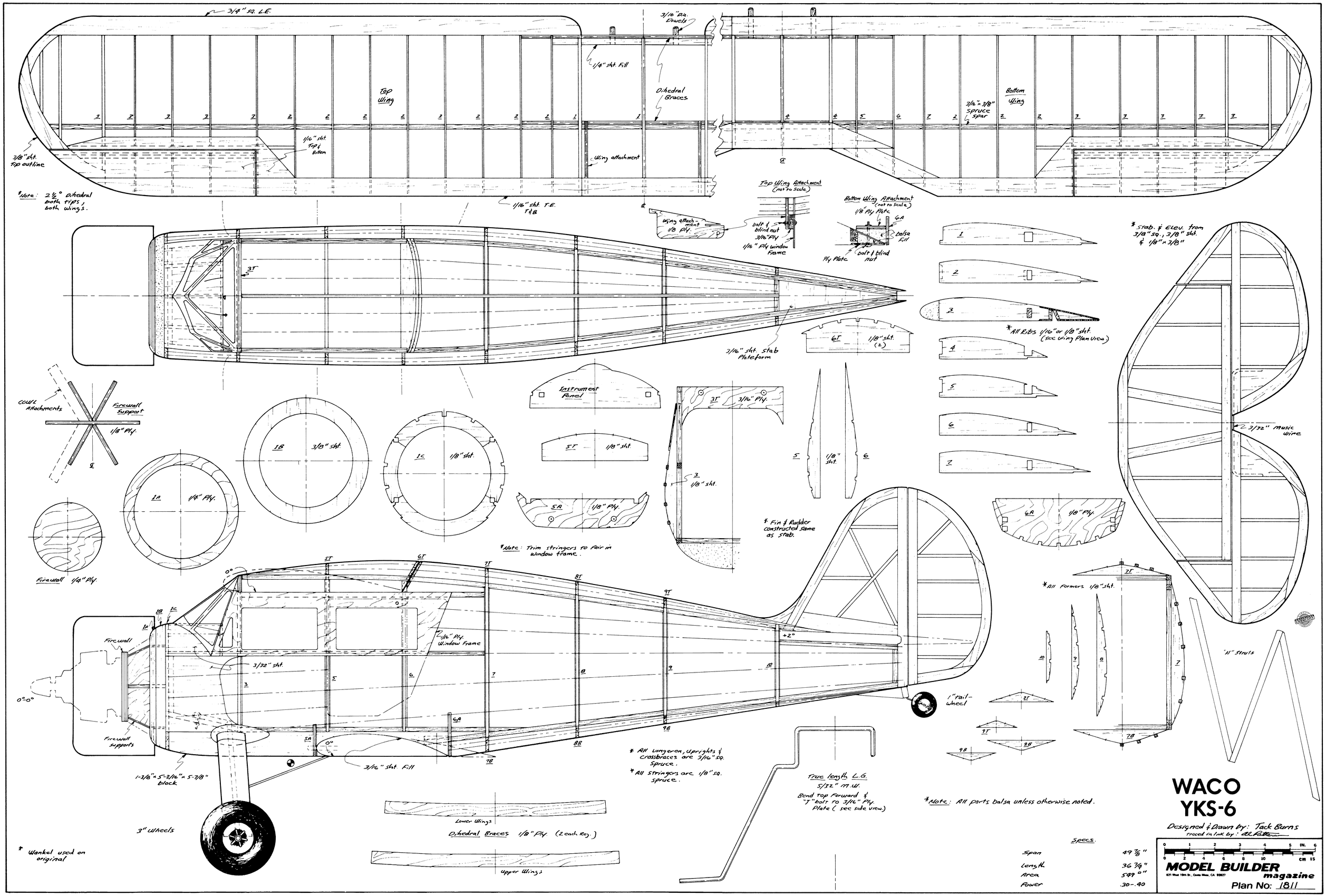
3/4" sq. L.E.
3/16" Dia. Dowels
1/4" sht. Fill
Top Wing
Dihedral Braces
Bottom Wing
3/16" x 3/8" spruce spar
3/8" sht. Tip outline
1/16" sht. Top & Bottom
Wing attachment
1/16" sht. T.E. T&B
*Note: 2½° Dihedral both tips, both wings.
Top Wing Attachment (not to scale)
Bottom Wing Attachment (not to scale)
Wing attachment 1/8 Ply.
bolt & blind nut
3/16" Ply
1/16" Ply window Frame
1/8 Ply Plate
balsa Fill
Ply Plate
bolt & blind nut
3/16" sht. stab Plateform
6T 1/8" sht. (2)
*All Ribs 1/16" or 1/8" sht. (see Wing Plan View)
* Stab. & Elev. from 3/8" sq., 3/8" sht. & 1/8" x 3/8"
3/32" music wire
Cowl Attachments
Firewall Support
1/8" Ply.
Firewall 1/4" Ply.
1B 3/8" sht.
1C 1/8" sht.
1A 1/4" Ply.
Instrument Panel
5T 1/8" sht.
3T 3/16" Ply.
3 1/8" sht.
5A 1/8" Ply.
5 1/8" sht. 6
6A 1/8" Ply.
* Fin & Rudder Constructed same as stab.
*Note: Trim stringers to fair in window frame.
*All Formers 1/8" sht.
"U" Struts
Firewall
Firewall supports
3/32" sht.
1/16" Ply. Window Frame
3/16" sht. Fill
1-3/8" x 5-3/16" x 5-7/8" block
3" Wheels
1" tail-wheel
* All Longeron, Uprights & Crossbraces are 3/16" sq. Spruce.
* All Stringers are 1/8" sq. Spruce.
True length L.G. 5/32" m.w.
Bend top forward & "J" bolt to 3/16" Ply. Plate (see side view)
*Note: All parts balsa unless otherwise noted.
Lower Wings
Dihedral Braces 1/8" Ply. (2 each Reg.)
Upper Wings
* Wankel used on original
Specs.
Span 49 7/8"
Length 36 3/4"
Area 549.0"
Power .30-.40
WACO YKS-6
Designed & Drawn by: Jack Burns
Traced in Ink by: R. Patton
MODEL BUILDER magazine
621 West 19th St., Costa Mesa, CA 92627
Plan No: 1811