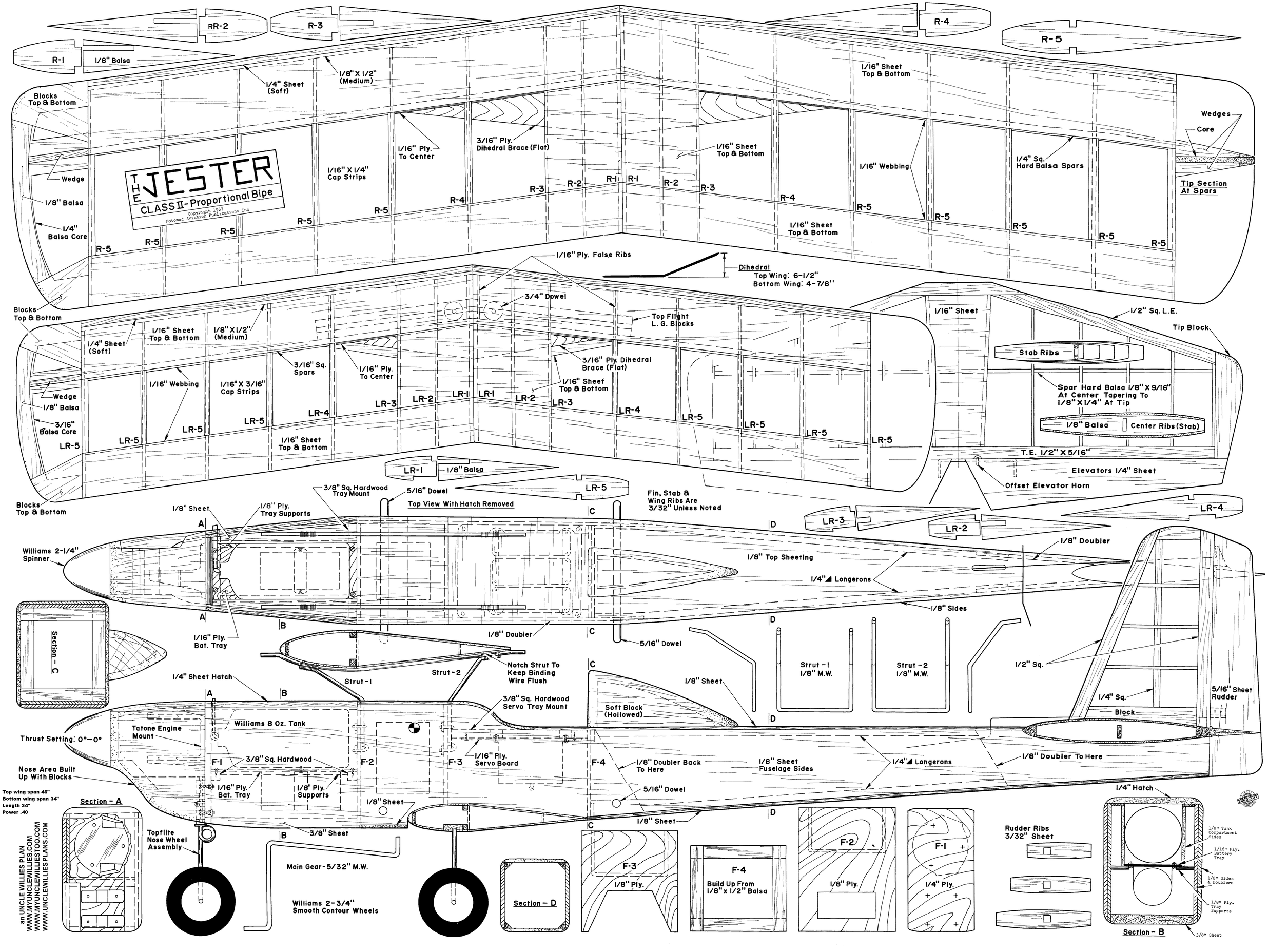
THE JESTER
CLASS II - Proportional Bipe
Copyright 1967
Potomac Aviation Publications Inc
RR-2
R-3
R-4
R-5
R-1
1/8" Balsa
1/4" Sheet (Soft)
1/8" X 1/2" (Medium)
1/16" Sheet Top & Bottom
Blocks Top & Bottom
Wedges
Core
Wedge
1/8" Balsa
1/4" Balsa Core
1/16" X 1/4" Cap Strips
1/16" Ply. To Center
3/16" Ply. Dihedral Brace (Flat)
1/16" Webbing
1/4" Sq. Hard Balsa Spars
Tip Section At Spars
1/16" Ply. False Ribs
Dihedral
Top Wing: 6-1/2"
Bottom Wing: 4-7/8"
3/4" Dowel
Top Flight L. G. Blocks
1/16" Sheet
1/2" Sq. L.E.
Tip Block
Stab Ribs
3/16" Sq. Spars
1/16" X 3/16" Cap Strips
3/16" Ply. Dihedral Brace (Flat)
Spar Hard Balsa 1/8" X 9/16" At Center Tapering To 1/8" X 1/4" At Tip
3/16" Balsa Core
1/8" Balsa
Center Ribs (Stab)
LR-1
LR-2
LR-3
LR-4
LR-5
T.E. 1/2" X 5/16"
Elevators 1/4" Sheet
Offset Elevator Horn
3/8" Sq. Hardwood Tray Mount
5/16" Dowel
Top View With Hatch Removed
Fin, Stab & Wing Ribs Are 3/32" Unless Noted
1/8" Sheet
1/8" Ply. Tray Supports
Williams 2-1/4" Spinner
1/8" Top Sheeting
1/8" Doubler
1/4" Longerons
1/8" Sides
1/16" Ply. Bat. Tray
Section - C
Strut - 1
Strut - 2
Notch Strut To Keep Binding Wire Flush
1/4" Sheet Hatch
Strut - 1 1/8" M.W.
Strut - 2 1/8" M.W.
1/2" Sq.
5/16" Sheet Rudder
1/4" Sq.
Block
Soft Block (Hollowed)
3/8" Sq. Hardwood Servo Tray Mount
Williams 8 Oz. Tank
Tatone Engine Mount
Thrust Setting: 0°-0°
F-1
F-2
F-3
F-4
3/8" Sq. Hardwood
1/16" Ply. Servo Board
1/8" Doubler Back To Here
1/8" Sheet Fuselage Sides
1/8" Doubler To Here
Nose Area Built Up With Blocks
1/16" Ply. Bat. Tray
1/8" Ply. Supports
Top wing span 46"
Bottom wing span 34"
Length 34"
Power .40
Section - A
Topflite Nose Wheel Assembly
3/8" Sheet
Main Gear - 5/32" M.W.
Williams 2-3/4" Smooth Contour Wheels
Section - D
F-3
1/8" Ply.
F-4
Build Up From 1/8" x 1/2" Balsa
F-2
1/8" Ply.
F-1
1/4" Ply.
Rudder Ribs 3/32" Sheet
1/4" Hatch
1/8" Tank Compartment Sides
1/16" Ply. Battery Tray
1/8" Sides & Doublers
1/8" Ply. Tray Supports
3/8" Sheet
Section - B
an UNCLE WILLIES PLAN
WWW.MYUNCLEWILLIES.COM
WWW.MYUNCLEWILLIESTOO.COM
WWW.UNCLEWILLIESPLANS.COM