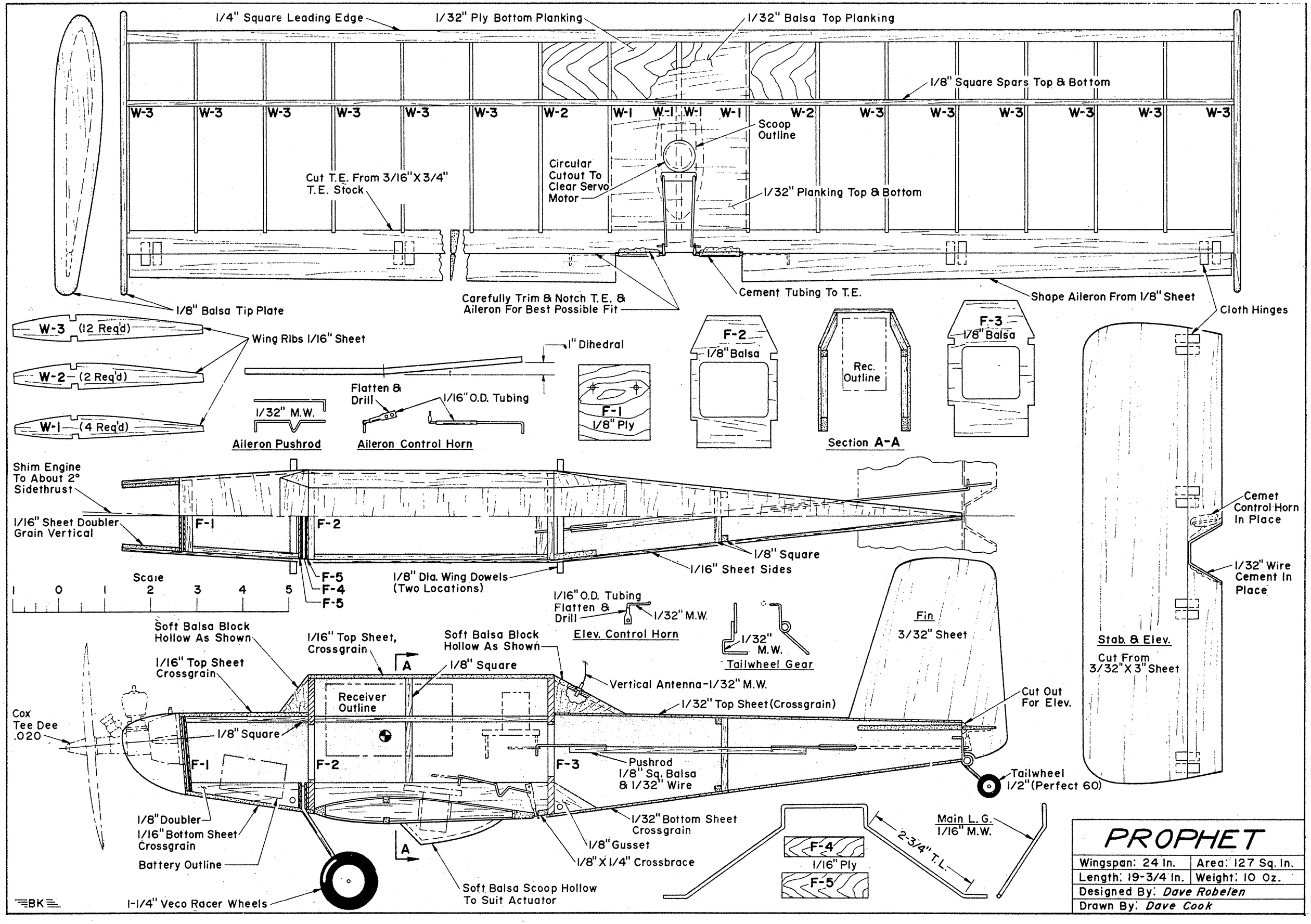
1/4" Square Leading Edge
1/32" Ply Bottom Planking
1/32" Balsa Top Planking
1/8" Square Spars Top & Bottom
W-3
W-2
W-1
Scoop Outline
Circular Cutout To Clear Servo Motor
Cut T.E. From 3/16"X3/4" T.E. Stock
1/32" Planking Top & Bottom
1/8" Balsa Tip Plate
Carefully Trim & Notch T.E. & Aileron For Best Possible Fit
Cement Tubing To T.E.
Shape Aileron From 1/8" Sheet
Cloth Hinges
W-3 (12 Req'd)
W-2 (2 Req'd)
W-1 (4 Req'd)
Wing Ribs 1/16" Sheet
1" Dihedral
Flatten & Drill
1/16" O.D. Tubing
1/32" M.W.
Aileron Pushrod
Aileron Control Horn
F-1
1/8" Ply
F-2
1/8" Balsa
Rec. Outline
Section A-A
F-3
1/8" Balsa
Shim Engine To About 2° Sidethrust
1/16" Sheet Doubler Grain Vertical
F-1
F-2
F-5
F-4
F-5
1/8" Square
1/16" Sheet Sides
1/8" Dia. Wing Dowels (Two Locations)
Scale
1 0 1 2 3 4 5
1/16" O.D. Tubing
Flatten & Drill
1/32" M.W.
Elev. Control Horn
1/32" M.W.
Tailwheel Gear
Fin
3/32" Sheet
Cemet Control Horn In Place
1/32" Wire Cement In Place
Stab. & Elev.
Cut From 3/32"X3" Sheet
Soft Balsa Block Hollow As Shown
1/16" Top Sheet, Crossgrain
1/16" Top Sheet Crossgrain
A
1/8" Square
Soft Balsa Block Hollow As Shown
Vertical Antenna-1/32" M.W.
Receiver Outline
1/32" Top Sheet (Crossgrain)
Cut Out For Elev.
Cox Tee Dee .020
1/8" Square
F-1
F-2
F-3
Pushrod 1/8" Sq. Balsa & 1/32" Wire
Tailwheel 1/2" (Perfect 60)
1/8" Doubler
1/16" Bottom Sheet Crossgrain
Battery Outline
1/32" Bottom Sheet Crossgrain
1/8" Gusset
1/8"X1/4" Crossbrace
A
Soft Balsa Scoop Hollow To Suit Actuator
1-1/4" Veco Racer Wheels
F-4
1/16" Ply
F-5
2-3/4" T.L.
Main L.G. 1/16" M.W.
BK
PROPHET
Wingspan: 24 In.
Area: 127 Sq. In.
Length: 19-3/4 In.
Weight: 10 Oz.
Designed By: Dave Robelen
Drawn By: Dave Cook