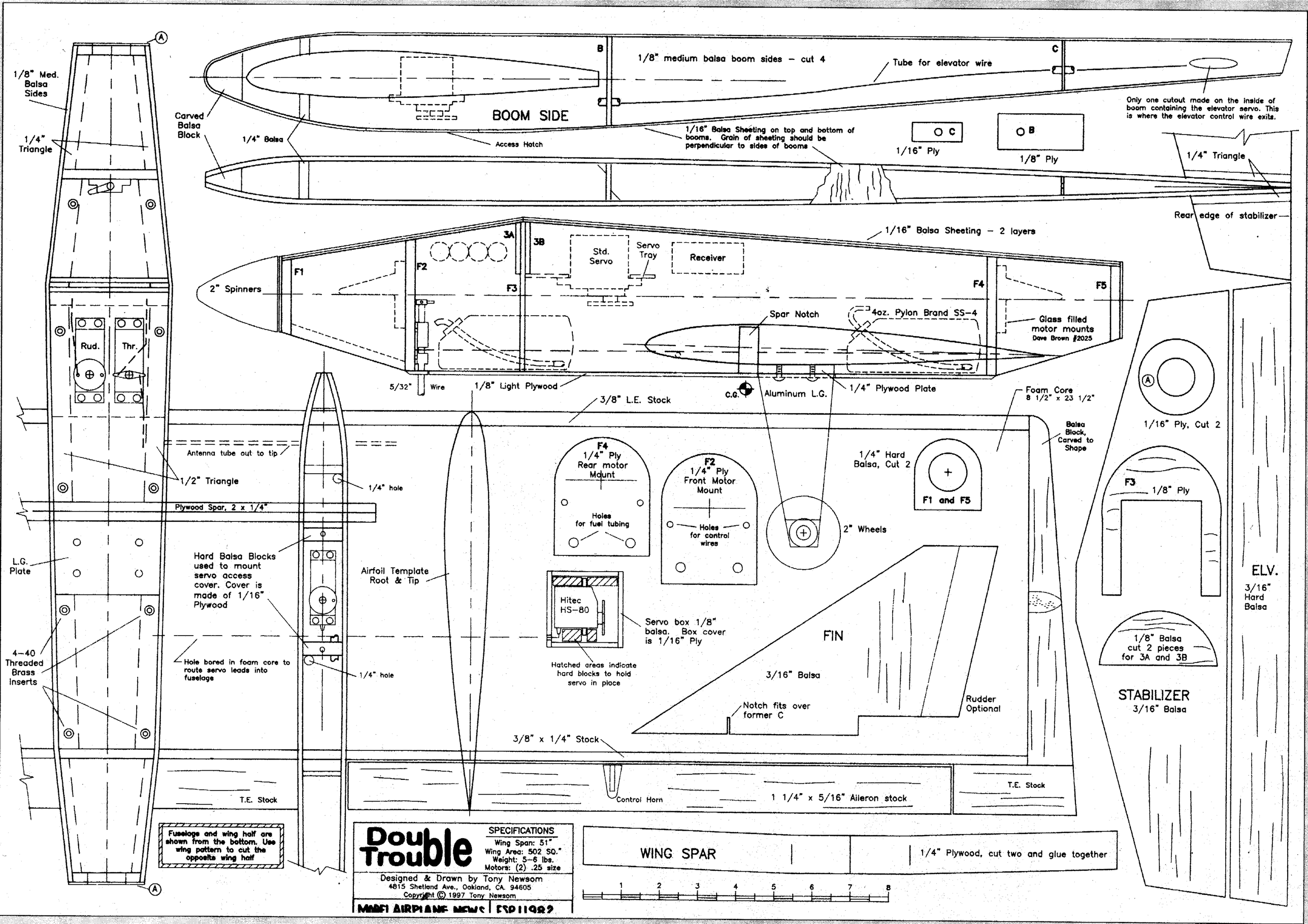
1/8" Med. Balsa Sides
1/4" Triangle
Rud.
Thr.
Carved Balsa Block
1/4" Balsa
BOOM SIDE
B
C
1/8" medium balsa boom sides – cut 4
Tube for elevator wire
Access Hatch
1/16" Balsa Sheeting on top and bottom of booms. Grain of sheeting should be perpendicular to sides of booms
1/16" Ply
1/8" Ply
Only one cutout made on the inside of boom containing the elevator servo. This is where the elevator control wire exits.
1/4" Triangle
Rear edge of stabilizer
1/16" Balsa Sheeting – 2 layers
3A
3B
Std. Servo
Servo Tray
Receiver
F1
F2
F3
F4
F5
2" Spinners
Spar Notch
4oz. Pylon Brand SS-4
Glass filled motor mounts
Dave Brown #2025
5/32" Wire
1/8" Light Plywood
C.G.
Aluminum L.G.
1/4" Plywood Plate
3/8" L.E. Stock
Foam Core 8 1/2" x 23 1/2"
Balsa Block, Carved to Shape
Antenna tube out to tip
1/2" Triangle
1/4" hole
Plywood Spar, 2 x 1/4"
L.G. Plate
Hard Balsa Blocks used to mount servo access cover. Cover is made of 1/16" Plywood
Airfoil Template Root & Tip
4-40 Threaded Brass Inserts
Hole bored in foam core to route servo leads into fuselage
1/4" hole
F4 1/4" Ply Rear motor Mount
Holes for fuel tubing
F2 1/4" Ply Front Motor Mount
Holes for control wires
1/4" Hard Balsa, Cut 2
F1 and F5
2" Wheels
Hitec HS-80
Servo box 1/8" balsa. Box cover is 1/16" Ply
Hatched areas indicate hard blocks to hold servo in place
FIN
3/16" Balsa
Notch fits over former C
Rudder Optional
3/8" x 1/4" Stock
T.E. Stock
Control Horn
1 1/4" x 5/16" Aileron stock
T.E. Stock
Fuselage and wing half are shown from the bottom. Use wing pattern to cut the opposite wing half
Double Trouble
SPECIFICATIONS
Wing Span: 51"
Wing Area: 502 SQ."
Weight: 5-6 lbs.
Motors: (2) .25 size
Designed & Drawn by Tony Newsom
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MODEL AIRPLANE NEWS
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WING SPAR
1/4" Plywood, cut two and glue together
1 2 3 4 5 6 7 8
1/16" Ply, Cut 2
F3
1/8" Ply
1/8" Balsa cut 2 pieces for 3A and 3B
STABILIZER
3/16" Balsa
ELV.
3/16" Hard Balsa