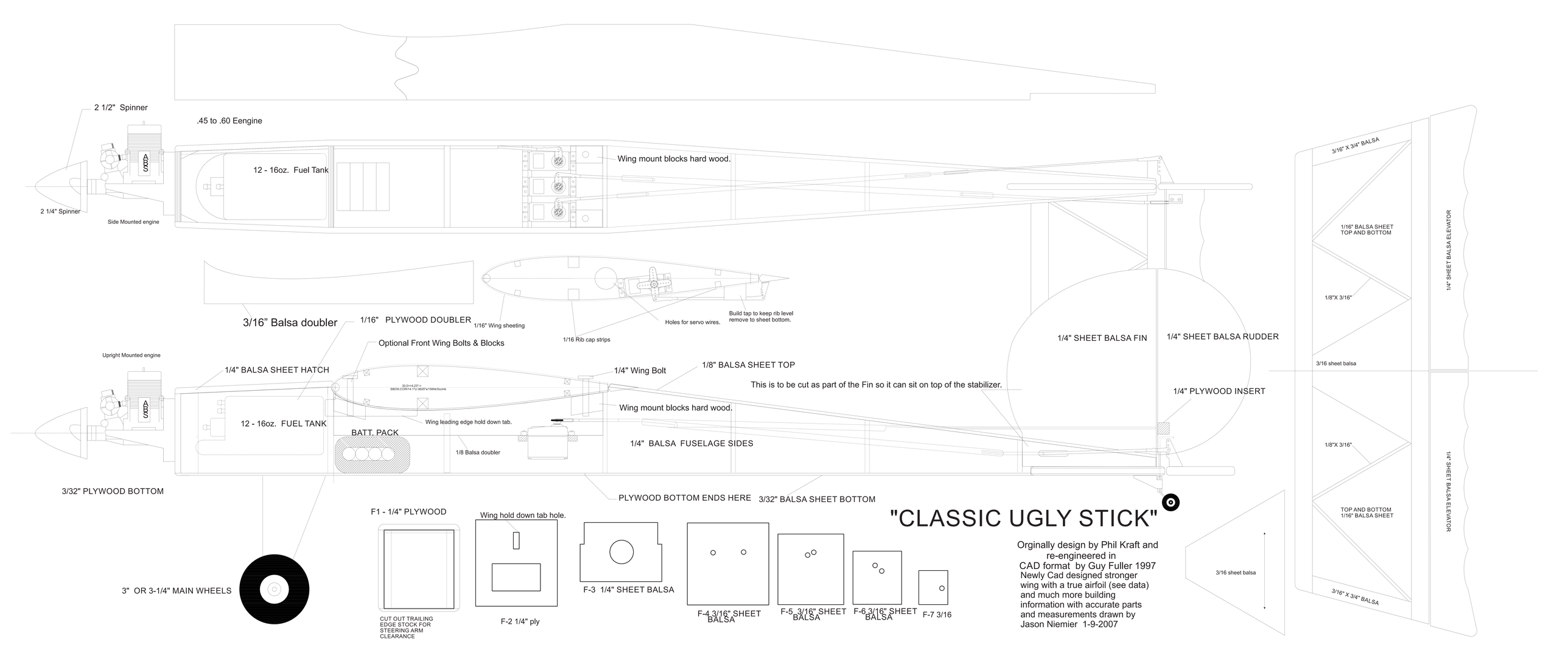
2 1/2" Spinner
.45 to .60 Eengine
12 - 16oz. Fuel Tank
Wing mount blocks hard wood.
2 1/4" Spinner
Side Mounted engine
3/16" X 3/4" BALSA
1/16" BALSA SHEET TOP AND BOTTOM
1/8"X 3/16"
3/16 sheet balsa
1/4" SHEET BALSA ELEVATOR
3/16" Balsa doubler
1/16" PLYWOOD DOUBLER
1/16" Wing sheeting
1/16 Rib cap strips
Holes for servo wires.
Build tap to keep rib level remove to sheet bottom.
1/4" SHEET BALSA FIN
1/4" SHEET BALSA RUDDER
Upright Mounted engine
Optional Front Wing Bolts & Blocks
1/4" BALSA SHEET HATCH
1/4" Wing Bolt
1/8" BALSA SHEET TOP
This is to be cut as part of the Fin so it can sit on top of the stabilizer.
1/4" PLYWOOD INSERT
Wing mount blocks hard wood.
12 - 16oz. FUEL TANK
Wing leading edge hold down tab.
BATT. PACK
1/8 Balsa doubler
1/4" BALSA FUSELAGE SIDES
3/32" PLYWOOD BOTTOM
PLYWOOD BOTTOM ENDS HERE
3/32" BALSA SHEET BOTTOM
"CLASSIC UGLY STICK"
Orginally design by Phil Kraft and
re-engineered in
CAD format by Guy Fuller 1997
Newly Cad designed stronger
wing with a true airfoil (see data)
and much more building
information with accurate parts
and measurements drawn by
Jason Niemier 1-9-2007
3" OR 3-1/4" MAIN WHEELS
F1 - 1/4" PLYWOOD
Wing hold down tab hole.
CUT OUT TRAILING EDGE STOCK FOR STEERING ARM CLEARANCE
F-2 1/4" ply
F-3 1/4" SHEET BALSA
F-4 3/16" SHEET BALSA
F-5 3/16" SHEET BALSA
F-6 3/16" SHEET BALSA
F-7 3/16
3/16 sheet balsa
TOP AND BOTTOM 1/16" BALSA SHEET
1/8"X 3/16"
3/16" X 3/4" BALSA
1/4" SHEET BALSA ELEVATOR