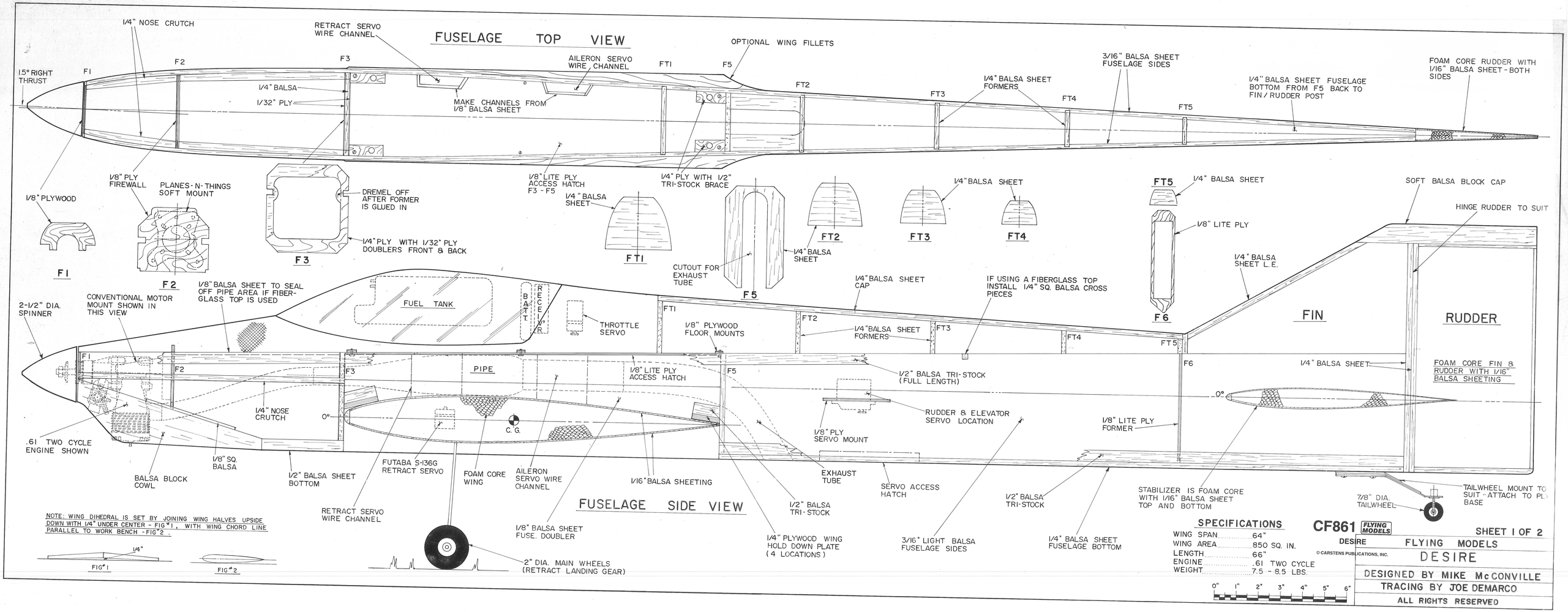
FUSELAGE TOP VIEW
1/4" NOSE CRUTCH
RETRACT SERVO WIRE CHANNEL
OPTIONAL WING FILLETS
AILERON SERVO WIRE CHANNEL
3/16" BALSA SHEET FUSELAGE SIDES
FOAM CORE RUDDER WITH 1/16" BALSA SHEET - BOTH SIDES
1.5° RIGHT THRUST
F1
F2
F3
FT1
F5
FT2
FT3
FT4
FT5
1/4" BALSA SHEET FORMERS
1/4" BALSA SHEET FUSELAGE BOTTOM FROM F5 BACK TO FIN / RUDDER POST
1/4" BALSA
1/32" PLY
MAKE CHANNELS FROM 1/8" BALSA SHEET
1/8" PLYWOOD
1/8" PLY FIREWALL
PLANES-N-THINGS SOFT MOUNT
DREMEL OFF AFTER FORMER IS GLUED IN
1/4" PLY WITH 1/32" PLY DOUBLERS FRONT & BACK
1/8" LITE PLY ACCESS HATCH F3 - F5
1/4" PLY WITH 1/2" TRI-STOCK BRACE
1/4" BALSA SHEET
1/4" BALSA SHEET
FT5
1/4" BALSA SHEET
SOFT BALSA BLOCK CAP
HINGE RUDDER TO SUIT
1/8" LITE PLY
1/4" BALSA SHEET L.E.
CUTOUT FOR EXHAUST TUBE
1/4" BALSA SHEET
1/4" BALSA SHEET CAP
IF USING A FIBERGLASS TOP INSTALL 1/4" SQ. BALSA CROSS PIECES
2-1/2" DIA. SPINNER
CONVENTIONAL MOTOR MOUNT SHOWN IN THIS VIEW
1/8" BALSA SHEET TO SEAL OFF PIPE AREA IF FIBERGLASS TOP IS USED
FUEL TANK
BATT
RECEIVER
THROTTLE SERVO
1/8" PLYWOOD FLOOR MOUNTS
1/4" BALSA SHEET FORMERS
FIN
RUDDER
PIPE
1/8" LITE PLY ACCESS HATCH
1/2" BALSA TRI-STOCK (FULL LENGTH)
1/4" BALSA SHEET
FOAM CORE FIN & RUDDER WITH 1/16" BALSA SHEETING
0°
1/4" NOSE CRUTCH
C.G.
RUDDER & ELEVATOR SERVO LOCATION
1/8" LITE PLY FORMER
.61 TWO CYCLE ENGINE SHOWN
1/8" PLY SERVO MOUNT
BALSA BLOCK COWL
1/8" SQ. BALSA
1/2" BALSA SHEET BOTTOM
FUTABA S-136G RETRACT SERVO
FOAM CORE WING
AILERON SERVO WIRE CHANNEL
1/16" BALSA SHEETING
EXHAUST TUBE
SERVO ACCESS HATCH
1/2" BALSA TRI-STOCK
1/2" BALSA TRI-STOCK
STABILIZER IS FOAM CORE WITH 1/16" BALSA SHEET TOP AND BOTTOM
7/8" DIA. TAILWHEEL
TAILWHEEL MOUNT TO SUIT - ATTACH TO PLY BASE
FUSELAGE SIDE VIEW
RETRACT SERVO WIRE CHANNEL
1/8" BALSA SHEET FUSE. DOUBLER
1/4" PLYWOOD WING HOLD DOWN PLATE (4 LOCATIONS)
3/16" LIGHT BALSA FUSELAGE SIDES
1/4" BALSA SHEET FUSELAGE BOTTOM
2" DIA. MAIN WHEELS (RETRACT LANDING GEAR)
NOTE: WING DIHEDRAL IS SET BY JOINING WING HALVES UPSIDE DOWN WITH 1/4" UNDER CENTER - FIG #1, WITH WING CHORD LINE PARALLEL TO WORK BENCH - FIG #2.
1/4"
FIG #1
FIG #2
SPECIFICATIONS
WING SPAN 64"
WING AREA 850 SQ. IN.
LENGTH 66"
ENGINE .61 TWO CYCLE
WEIGHT 7.5 - 8.5 LBS.
0" 1" 2" 3" 4" 5" 6"
CF861 FLYING MODELS
SHEET 1 OF 2
DESIRE
FLYING MODELS
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