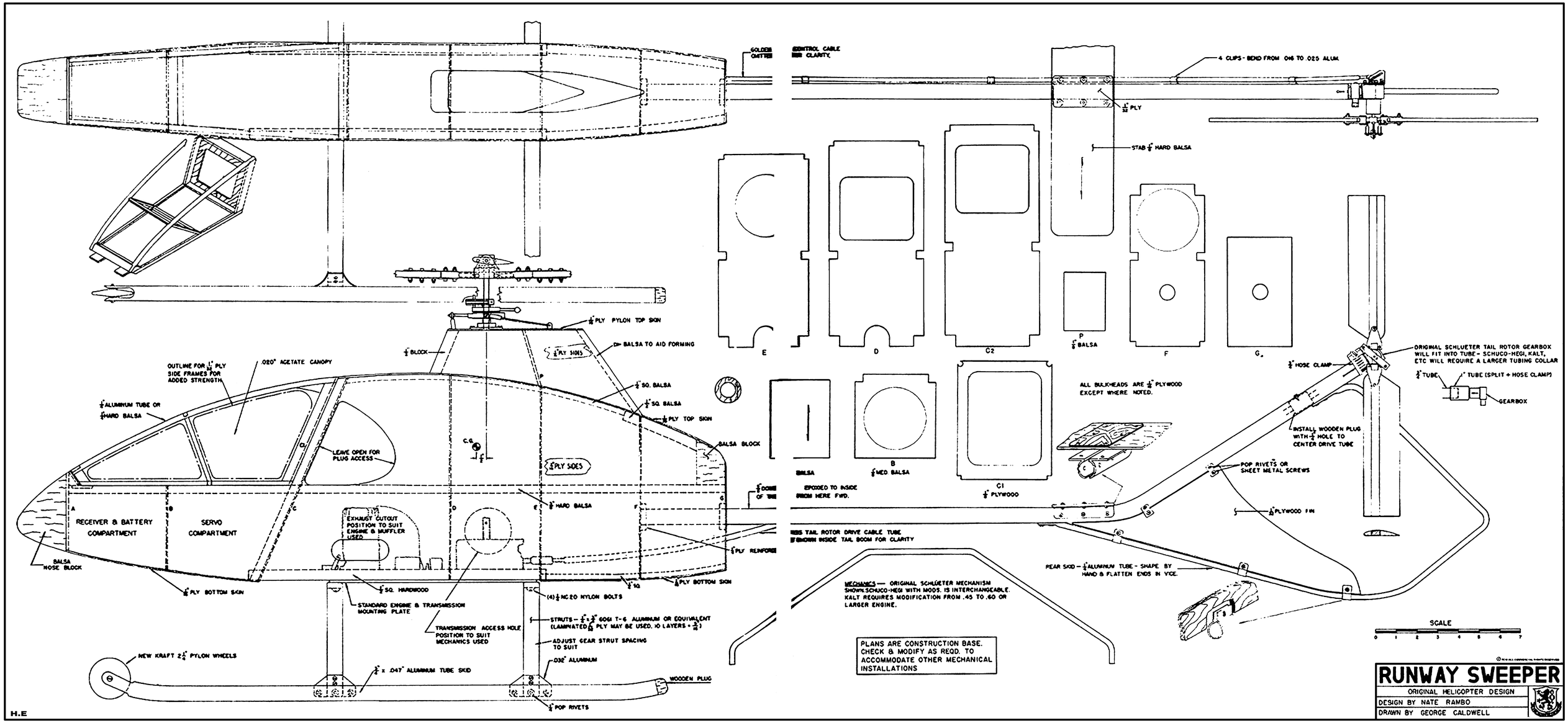
GOLDEN OMITTED
CONTROL CABLE FOR CLARITY
4 CLIPS - BEND FROM .016 TO .025 ALUM.
1/32 PLY
STAB 1/8 HARD BALSA
E
D
C2
P
1/8 BALSA
F
G
1/8 PLY PYLON TOP SKIN
1/8 BLOCK
1/8 PLY SIDES
BALSA TO AID FORMING
OUTLINE FOR 1/16 PLY SIDE FRAMES FOR ADDED STRENGTH
.020" ACETATE CANOPY
1/8 SQ. BALSA
1/8 SQ. BALSA
1/16 PLY TOP SKIN
1/8 ALUMINUM TUBE OR 1/8 HARD BALSA
BALSA BLOCK
LEAVE OPEN FOR PLUG ACCESS
C.G.
1/8 PLY SIDES
1/8 DOWEL OF THE
1/8 HARD BALSA
RECEIVER & BATTERY COMPARTMENT
SERVO COMPARTMENT
EXHAUST CUTOUT POSITION TO SUIT ENGINE & MUFFLER USED
1/8 PLY REINFORCE
BALSA NOSE BLOCK
1/16 PLY BOTTOM SKIN
1/8 SQ. HARDWOOD
1/8 SQ.
1/16 PLY BOTTOM SKIN
STANDARD ENGINE & TRANSMISSION MOUNTING PLATE
(4) 1/8 NC 20 NYLON BOLTS
STRUTS - 1/4" x 3/4" 6061 T-6 ALUMINUM OR EQUIVALENT (LAMINATED 1/16 PLY MAY BE USED, 10 LAYERS + 3/32)
TRANSMISSION ACCESS HOLE POSITION TO SUIT MECHANICS USED
ADJUST GEAR STRUT SPACING TO SUIT
.032" ALUMINUM
NEW KRAFT 2 1/4" PYLON WHEELS
3/4" x .047" ALUMINUM TUBE SKID
WOODEN PLUG
1/8" POP RIVETS
B
1/8 MED BALSA
C1
1/8" PLYWOOD
BALSA
EPOXIED TO INSIDE FROM HERE FWD.
ALL BULKHEADS ARE 1/8" PLYWOOD EXCEPT WHERE NOTED.
1/8" HOSE CLAMP
ORIGINAL SCHLUETER TAIL ROTOR GEARBOX WILL FIT INTO TUBE - SCHUCO-HEGI, KALT, ETC WILL REQUIRE A LARGER TUBING COLLAR
1/8" TUBE
1/8" TUBE (SPLIT + HOSE CLAMP)
GEARBOX
INSTALL WOODEN PLUG WITH 1/8" HOLE TO CENTER DRIVE TUBE
POP RIVETS OR SHEET METAL SCREWS
1/16 PLYWOOD FIN
TAIL ROTOR DRIVE CABLE TUBE SHOWN INSIDE TAIL BOOM FOR CLARITY
REAR SKID - 1/4" ALUMINUM TUBE - SHAPE BY HAND & FLATTEN ENDS IN VICE.
MECHANICS — ORIGINAL SCHLUETER MECHANISM SHOWN. SCHUCO-HEGI WITH MODS. IS INTERCHANGEABLE. KALT REQUIRES MODIFICATION FROM .45 TO .60 OR LARGER ENGINE.
PLANS ARE CONSTRUCTION BASE. CHECK & MODIFY AS REQD. TO ACCOMMODATE OTHER MECHANICAL INSTALLATIONS
SCALE
0 1 2 3 4 5 6 7
RUNWAY SWEEPER
ORIGINAL HELICOPTER DESIGN
DESIGN BY NATE RAMBO
DRAWN BY GEORGE CALDWELL
H.E