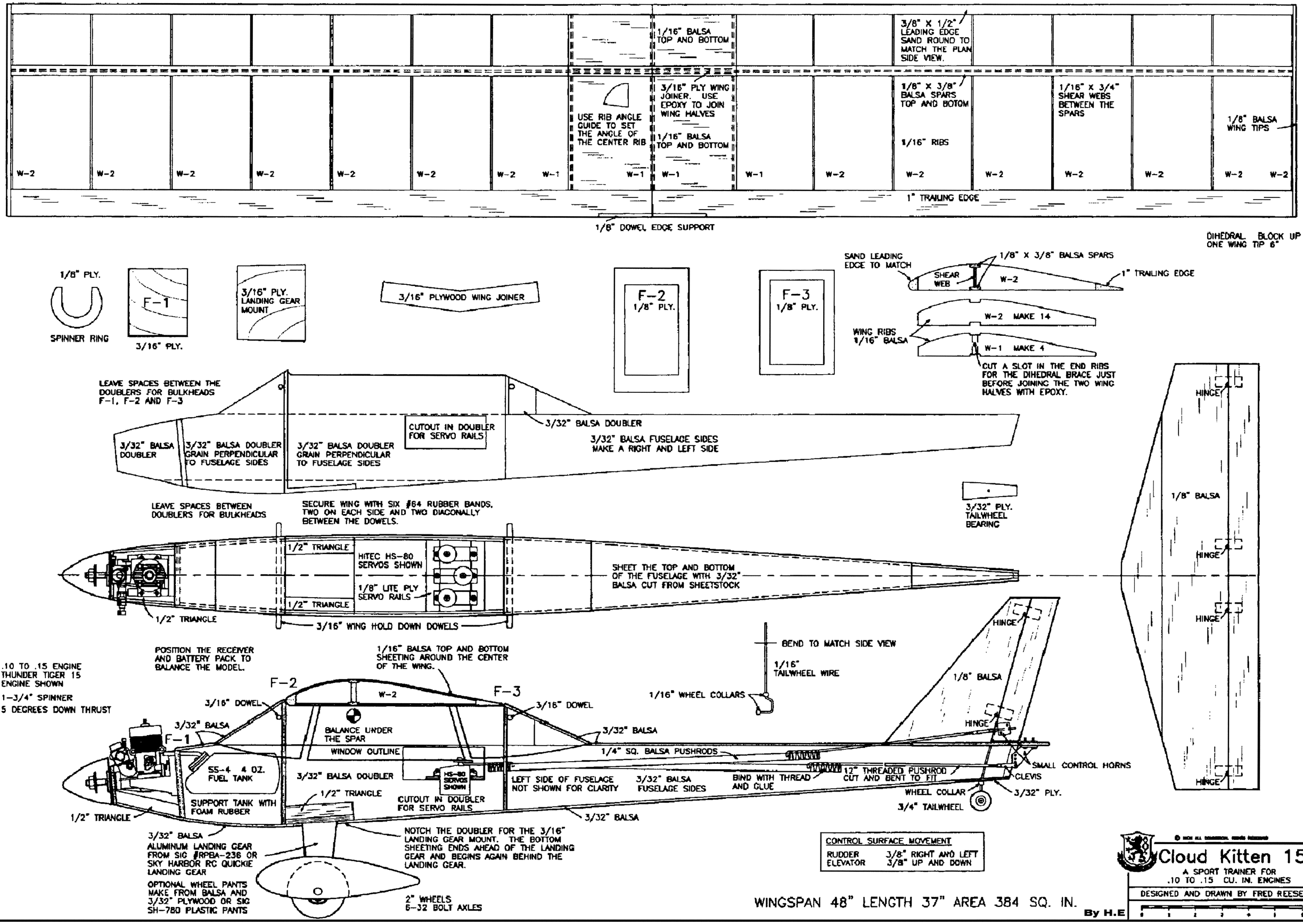
1/16" BALSA TOP AND BOTTOM
3/8" X 1/2" LEADING EDGE SAND ROUND TO MATCH THE PLAN SIDE VIEW.
3/16" PLY WING JOINER. USE EPOXY TO JOIN WING HALVES
1/16" BALSA TOP AND BOTTOM
USE RIB ANGLE GUIDE TO SET THE ANGLE OF THE CENTER RIB
1/8" X 3/8" BALSA SPARS TOP AND BOTOM
1/16" RIBS
1/16" X 3/4" SHEAR WEBS BETWEEN THE SPARS
1/8" BALSA WING TIPS
W-2
W-1
1" TRAILING EDGE
1/8" DOWEL EDGE SUPPORT
DIHEDRAL BLOCK UP ONE WING TIP 6"
1/8" PLY.
SPINNER RING
F-1
3/16" PLY.
3/16" PLY. LANDING GEAR MOUNT
3/16" PLYWOOD WING JOINER
F-2
1/8" PLY.
F-3
1/8" PLY.
SAND LEADING EDGE TO MATCH
1/8" X 3/8" BALSA SPARS
SHEAR WEB
1" TRAILING EDGE
W-2 MAKE 14
WING RIBS 1/16" BALSA
W-1 MAKE 4
CUT A SLOT IN THE END RIBS FOR THE DIHEDRAL BRACE JUST BEFORE JOINING THE TWO WING HALVES WITH EPOXY.
LEAVE SPACES BETWEEN THE DOUBLERS FOR BULKHEADS F-1, F-2 AND F-3
3/32" BALSA DOUBLER
CUTOUT IN DOUBLER FOR SERVO RAILS
3/32" BALSA FUSELAGE SIDES MAKE A RIGHT AND LEFT SIDE
3/32" BALSA DOUBLER GRAIN PERPENDICULAR TO FUSELAGE SIDES
LEAVE SPACES BETWEEN DOUBLERS FOR BULKHEADS
SECURE WING WITH SIX #64 RUBBER BANDS, TWO ON EACH SIDE AND TWO DIAGONALLY BETWEEN THE DOWELS.
3/32" PLY. TAILWHEEL BEARING
1/2" TRIANGLE
HITEC HS-80 SERVOS SHOWN
1/8" LITE PLY SERVO RAILS
SHEET THE TOP AND BOTTOM OF THE FUSELAGE WITH 3/32" BALSA CUT FROM SHEETSTOCK
3/16" WING HOLD DOWN DOWELS
HINGE
1/8" BALSA
BEND TO MATCH SIDE VIEW
1/16" TAILWHEEL WIRE
1/16" WHEEL COLLARS
.10 TO .15 ENGINE THUNDER TIGER 15 ENGINE SHOWN
1-3/4" SPINNER
5 DEGREES DOWN THRUST
POSITION THE RECEIVER AND BATTERY PACK TO BALANCE THE MODEL.
1/16" BALSA TOP AND BOTTOM SHEETING AROUND THE CENTER OF THE WING.
3/16" DOWEL
3/32" BALSA
BALANCE UNDER THE SPAR
WINDOW OUTLINE
SS-4 4 OZ. FUEL TANK
SUPPORT TANK WITH FOAM RUBBER
HS-80 SERVOS SHOWN
1/4" SQ. BALSA PUSHRODS
12" THREADED PUSHROD CUT AND BENT TO FIT
BIND WITH THREAD AND GLUE
LEFT SIDE OF FUSELAGE NOT SHOWN FOR CLARITY
3/32" BALSA FUSELAGE SIDES
SMALL CONTROL HORNS
CLEVIS
WHEEL COLLAR
3/32" PLY.
3/4" TAILWHEEL
ALUMINUM LANDING GEAR FROM SIG #RPBA-236 OR SKY HARBOR RC QUICKIE LANDING GEAR
OPTIONAL WHEEL PANTS MAKE FROM BALSA AND 3/32" PLYWOOD OR SIG SH-780 PLASTIC PANTS
NOTCH THE DOUBLER FOR THE 3/16" LANDING GEAR MOUNT. THE BOTTOM SHEETING ENDS AHEAD OF THE LANDING GEAR AND BEGINS AGAIN BEHIND THE LANDING GEAR.
2" WHEELS 6-32 BOLT AXLES
CONTROL SURFACE MOVEMENT
RUDDER 3/8" RIGHT AND LEFT
ELEVATOR 3/8" UP AND DOWN
Cloud Kitten 15
A SPORT TRAINER FOR .10 TO .15 CU. IN. ENGINES
DESIGNED AND DRAWN BY FRED REESE
WINGSPAN 48" LENGTH 37" AREA 384 SQ. IN.
By H.E