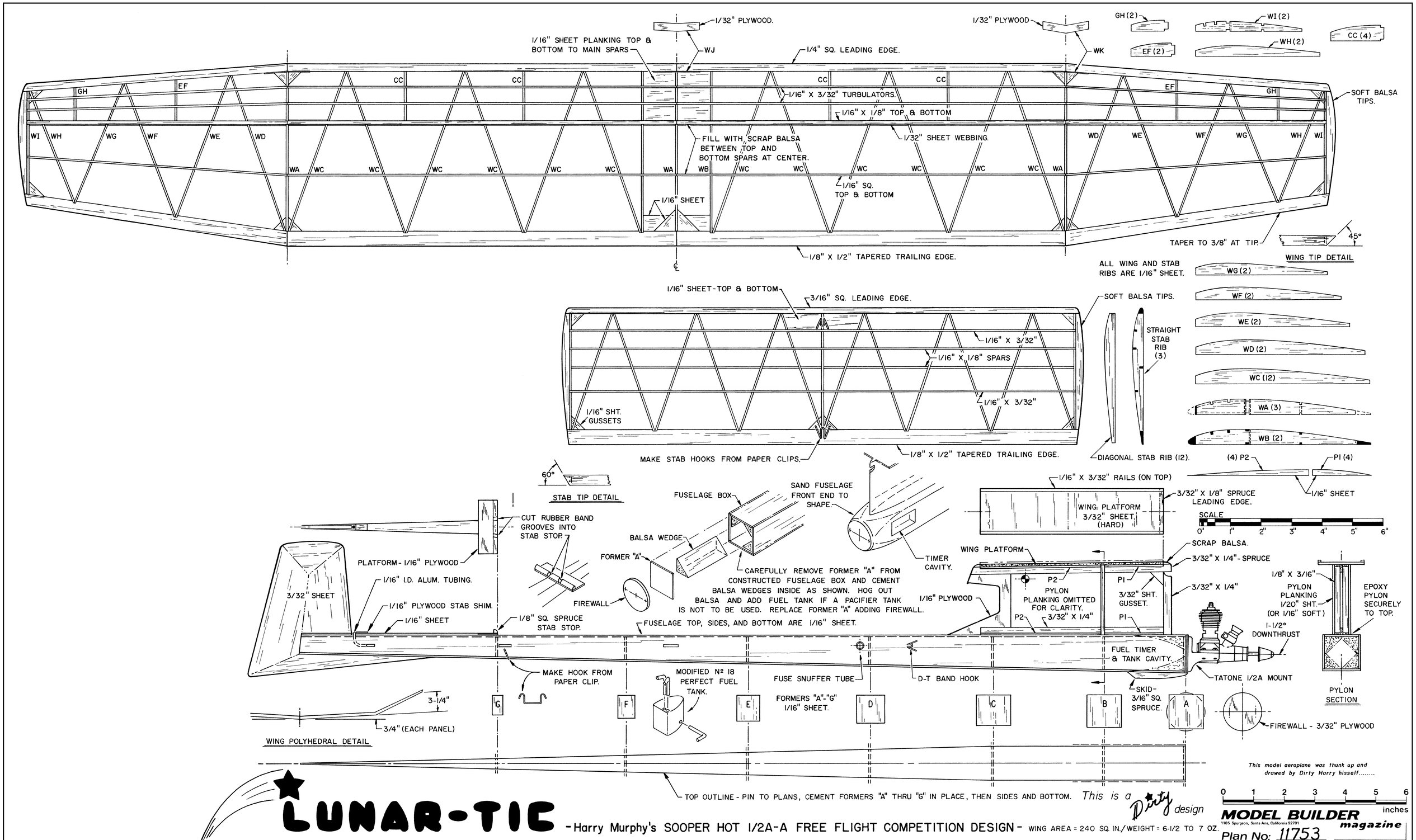
1/32" PLYWOOD.
1/16" SHEET PLANKING TOP & BOTTOM TO MAIN SPARS
WJ
1/4" SQ. LEADING EDGE.
1/32" PLYWOOD
WK
GH (2)
WI (2)
CC (4)
EF (2)
WH (2)
GH
EF
CC
CC
CC
CC
EF
GH
SOFT BALSA TIPS.
1/16" X 3/32" TURBULATORS.
1/16" X 1/8" TOP & BOTTOM
1/32" SHEET WEBBING.
FILL WITH SCRAP BALSA BETWEEN TOP AND BOTTOM SPARS AT CENTER.
WI WH WG WF WE WD
WD WE WF WG WH WI
WA WC WC WC WC WC WC WA WB WC WC WC WC WC WC WA
1/16" SQ. TOP & BOTTOM
1/16" SHEET
TAPER TO 3/8" AT TIP.
45°
WING TIP DETAIL
1/8" X 1/2" TAPERED TRAILING EDGE.
℄
ALL WING AND STAB RIBS ARE 1/16" SHEET.
WG (2)
WF (2)
WE (2)
WD (2)
WC (12)
WA (3)
WB (2)
1/16" SHEET-TOP & BOTTOM
3/16" SQ. LEADING EDGE.
SOFT BALSA TIPS.
1/16" X 3/32"
1/16" X 1/8" SPARS
1/16" X 3/32"
1/16" SHT. GUSSETS
STRAIGHT STAB RIB (3)
MAKE STAB HOOKS FROM PAPER CLIPS.
1/8" X 1/2" TAPERED TRAILING EDGE.
DIAGONAL STAB RIB (12).
(4) P2
P1 (4)
1/16" SHEET
60°
STAB TIP DETAIL
FUSELAGE BOX
SAND FUSELAGE FRONT END TO SHAPE.
1/16" X 3/32" RAILS (ON TOP)
3/32" X 1/8" SPRUCE LEADING EDGE.
WING PLATFORM 3/32" SHEET. (HARD)
SCALE
0" 1" 2" 3" 4" 5" 6"
CUT RUBBER BAND GROOVES INTO STAB STOP.
BALSA WEDGE
FORMER "A"
TIMER CAVITY.
WING PLATFORM
SCRAP BALSA.
3/32" X 1/4"- SPRUCE
PLATFORM - 1/16" PLYWOOD
1/16" I.D. ALUM. TUBING.
3/32" SHEET
CAREFULLY REMOVE FORMER "A" FROM CONSTRUCTED FUSELAGE BOX AND CEMENT BALSA WEDGES INSIDE AS SHOWN. HOG OUT BALSA AND ADD FUEL TANK IF A PACIFIER TANK IS NOT TO BE USED. REPLACE FORMER "A" ADDING FIREWALL.
FIREWALL
1/16" PLYWOOD
P2
PYLON PLANKING OMITTED FOR CLARITY.
P1
3/32" SHT. GUSSET.
3/32" X 1/4"
1/8" X 3/16"
PYLON PLANKING 1/20" SHT. (OR 1/16" SOFT)
EPOXY PYLON SECURELY TO TOP.
1/16" PLYWOOD STAB SHIM.
1/16" SHEET
1/8" SQ. SPRUCE STAB STOP.
FUSELAGE TOP, SIDES, AND BOTTOM ARE 1/16" SHEET.
P2
3/32" X 1/4"
P1
1-1/2° DOWNTHRUST
FUEL TIMER & TANK CAVITY.
MAKE HOOK FROM PAPER CLIP.
MODIFIED Nº 18 PERFECT FUEL TANK.
FUSE SNUFFER TUBE
D-T BAND HOOK
TATONE 1/2A MOUNT
SKID- 3/16" SQ. SPRUCE.
PYLON SECTION
3-1/4"
3/4" (EACH PANEL)
WING POLYHEDRAL DETAIL
G
F
E
FORMERS "A"-"G" 1/16" SHEET.
D
C
B
A
FIREWALL - 3/32" PLYWOOD
This model aeroplane was thunk up and drawed by Dirty Harry hisself.....
TOP OUTLINE - PIN TO PLANS, CEMENT FORMERS "A" THRU "G" IN PLACE, THEN SIDES AND BOTTOM.
This is a Dirty design
0 1 2 3 4 5 6
inches
LUNAR-TIC
- Harry Murphy's SOOPER HOT 1/2A-A FREE FLIGHT COMPETITION DESIGN -
WING AREA = 240 SQ. IN./WEIGHT = 6-1/2 TO 7 OZ.
MODEL BUILDER magazine
1105 Spurgeon, Santa Ana, California 92701
Plan No: 11753