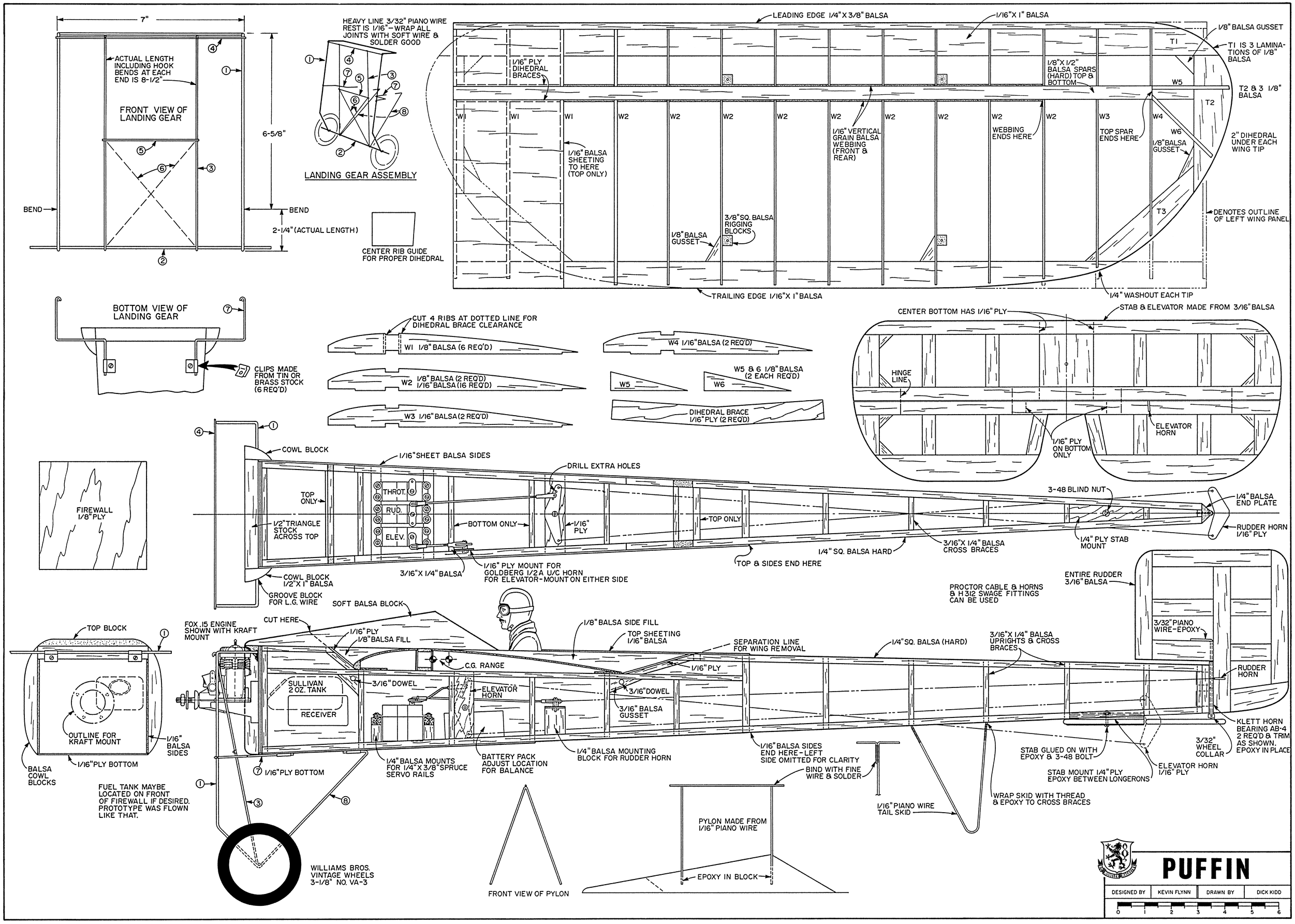
7"
ACTUAL LENGTH INCLUDING HOOK BENDS AT EACH END IS 8-1/2"
FRONT VIEW OF LANDING GEAR
6-5/8"
BEND
BEND
2-1/4" (ACTUAL LENGTH)
HEAVY LINE 3/32" PIANO WIRE REST IS 1/16"-WRAP ALL JOINTS WITH SOFT WIRE & SOLDER GOOD
LANDING GEAR ASSEMBLY
CENTER RIB GUIDE FOR PROPER DIHEDRAL
LEADING EDGE 1/4"X 3/8" BALSA
1/16"X 1" BALSA
1/8" BALSA GUSSET
T1 IS 3 LAMINATIONS OF 1/8" BALSA
T1
1/16" PLY DIHEDRAL BRACES
1/8"X 1/2" BALSA SPARS (HARD) TOP & BOTTOM
W5
T2 & 3 1/8" BALSA
T2
W1
W2
W3
W4
W6
1/16" VERTICAL GRAIN BALSA WEBBING (FRONT & REAR)
WEBBING ENDS HERE
TOP SPAR ENDS HERE
1/8" BALSA GUSSET
2" DIHEDRAL UNDER EACH WING TIP
1/16" BALSA SHEETING TO HERE (TOP ONLY)
3/8" SQ. BALSA RIGGING BLOCKS
1/8" BALSA GUSSET
T3
DENOTES OUTLINE OF LEFT WING PANEL
TRAILING EDGE 1/16"X 1" BALSA
1/4" WASHOUT EACH TIP
BOTTOM VIEW OF LANDING GEAR
CLIPS MADE FROM TIN OR BRASS STOCK (6 REQ'D)
CUT 4 RIBS AT DOTTED LINE FOR DIHEDRAL BRACE CLEARANCE
W1 1/8" BALSA (6 REQ'D)
W2 1/8" BALSA (2 REQ'D) 1/16" BALSA (16 REQ'D)
W3 1/16" BALSA (2 REQ'D)
W4 1/16" BALSA (2 REQ'D)
W5
W5 & 6 1/8" BALSA (2 EACH REQ'D)
W6
DIHEDRAL BRACE 1/16" PLY (2 REQ'D)
CENTER BOTTOM HAS 1/16" PLY
STAB & ELEVATOR MADE FROM 3/16" BALSA
HINGE LINE
ELEVATOR HORN
1/16" PLY ON BOTTOM ONLY
FIREWALL 1/8" PLY
COWL BLOCK
1/16" SHEET BALSA SIDES
DRILL EXTRA HOLES
TOP ONLY
THROT.
RUD.
ELEV.
1/2" TRIANGLE STOCK ACROSS TOP
BOTTOM ONLY
1/16" PLY
TOP ONLY
3-48 BLIND NUT
1/4" BALSA END PLATE
RUDDER HORN 1/16" PLY
1/4" PLY STAB MOUNT
3/16"X 1/4" BALSA CROSS BRACES
1/4" SQ. BALSA HARD
TOP & SIDES END HERE
3/16"X 1/4" BALSA
1/16" PLY MOUNT FOR GOLDBERG 1/2A U/C HORN FOR ELEVATOR-MOUNT ON EITHER SIDE
COWL BLOCK 1/2"X 1" BALSA
GROOVE BLOCK FOR L.G. WIRE
ENTIRE RUDDER 3/16" BALSA
PROCTOR CABLE & HORNS & H 312 SWAGE FITTINGS CAN BE USED
SOFT BALSA BLOCK
TOP BLOCK
FOX .15 ENGINE SHOWN WITH KRAFT MOUNT
CUT HERE
1/16" PLY
1/8" BALSA FILL
1/8" BALSA SIDE FILL
TOP SHEETING 1/16" BALSA
SEPARATION LINE FOR WING REMOVAL
1/4" SQ. BALSA (HARD)
3/16"X 1/4" BALSA UPRIGHTS & CROSS BRACES
3/32" PIANO WIRE-EPOXY
C.G. RANGE
1/16" PLY
RUDDER HORN
SULLIVAN 2 OZ. TANK
3/16" DOWEL
ELEVATOR HORN
3/16" DOWEL
3/16" BALSA GUSSET
RECEIVER
OUTLINE FOR KRAFT MOUNT
1/16" BALSA SIDES
1/16" PLY BOTTOM
BALSA COWL BLOCKS
1/16" PLY BOTTOM
1/4" BALSA MOUNTS FOR 1/4"X 3/8" SPRUCE SERVO RAILS
BATTERY PACK ADJUST LOCATION FOR BALANCE
1/4" BALSA MOUNTING BLOCK FOR RUDDER HORN
1/16" BALSA SIDES END HERE - LEFT SIDE OMITTED FOR CLARITY
BIND WITH FINE WIRE & SOLDER
1/16" PIANO WIRE TAIL SKID
STAB GLUED ON WITH EPOXY & 3-48 BOLT
STAB MOUNT 1/4" PLY EPOXY BETWEEN LONGERONS
ELEVATOR HORN 1/16" PLY
3/32" WHEEL COLLAR
KLETT HORN BEARING AB-4 2 REQ'D & TRIM AS SHOWN. EPOXY IN PLACE
WRAP SKID WITH THREAD & EPOXY TO CROSS BRACES
FUEL TANK MAYBE LOCATED ON FRONT OF FIREWALL IF DESIRED. PROTOTYPE WAS FLOWN LIKE THAT.
WILLIAMS BROS. VINTAGE WHEELS 3-1/8" NO. VA-3
FRONT VIEW OF PYLON
PYLON MADE FROM 1/16" PIANO WIRE
EPOXY IN BLOCK
PUFFIN
DESIGNED BY
KEVIN FLYNN
DRAWN BY
DICK KIDD
0 1 2 3 4 5 6