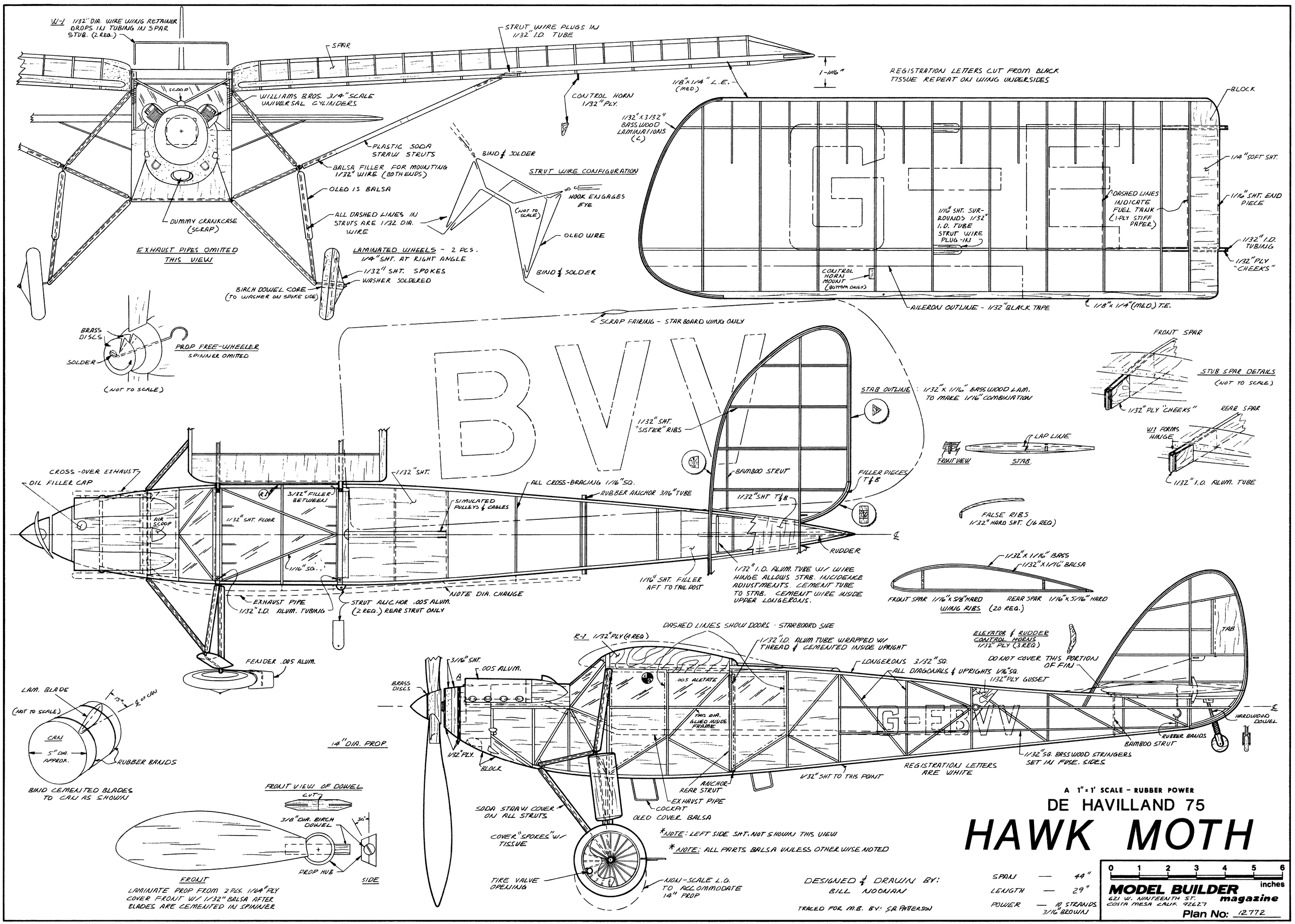
W-1 1/32" DIA. WIRE WING RETAINER DROPS IN TUBING IN SPAR STUB. (2 REQ.)
SPAR
STRUT WIRE PLUGS IN 1/32" I.D. TUBE
SCOOP
WILLIAMS BROS. 3/4" SCALE UNIVERSAL CYLINDERS
CONTROL HORN 1/32" PLY.
1/8"x1/4" L.E. (MED.)
1-1/16"
REGISTRATION LETTERS CUT FROM BLACK TISSUE REPEAT ON WING UNDERSIDES
BLOCK
1/32"x3/32" BASSWOOD LAMINATIONS (2)
PLASTIC SODA STRAW STRUTS
BALSA FILLER FOR MOUNTING 1/32" WIRE (BOTH ENDS)
OLEO IS BALSA
ALL DASHED LINES IN STRUTS ARE 1/32 DIA. WIRE
DUMMY CRANKCASE (SCRAP)
EXHAUST PIPES OMITED THIS VIEW
BIND & SOLDER
STRUT WIRE CONFIGURATION
HOOK ENGAGES EYE
(NOT TO SCALE)
OLEO WIRE
BIND & SOLDER
LAMINATED WHEELS - 2 PCS. 1/4" SHT. AT RIGHT ANGLE
1/32" SHT. SPOKES
WASHER SOLDERED
BIRCH DOWEL CORE (TO WASHER ON SPOKE SIDE)
1/4" SOFT SHT.
1/16" SHT. END PIECE
DASHED LINES INDICATE FUEL TANK (1-PLY STIFF PAPER)
1/16" SHT. SURROUNDS 1/32" I.D. TUBE STRUT WIRE PLUG-IN
1/32" I.D. TUBING
1/32" PLY "CHEEKS"
CONTROL HORN MOUNT (BOTTOM ONLY)
AILERON OUTLINE - 1/32" BLACK TAPE
1/8"x1/4" (MED.) T.E.
BRASS DISCS
SOLDER
PROP FREE-WHEELER SPINNER OMITED
(NOT TO SCALE)
SCRAP FAIRING - STARBOARD WING ONLY
G-EBVV
STAB OUTLINE: 1/32"x1/16" BASSWOOD LAM. TO MAKE 1/16" COMBINATION
1/32" SHT. "SISTER" RIBS
FRONT SPAR
STUB SPAR DETAILS
(NOT TO SCALE)
1/32" PLY "CHEEKS"
REAR SPAR
W-1 FORMS HINGE
1/32" I.D. ALUM. TUBE
LAP LINE
FRONT VIEW
STAB.
CROSS-OVER EXHAUST
OIL FILLER CAP
1/32" SHT.
3/32" FILLER BETWEEN
ALL CROSS-BRACING 1/16" SQ.
RUBBER ANCHOR 3/16" TUBE
SIMULATED PULLEYS & CABLES
BAMBOO STRUT
FILLER PIECES T&B
1/32" SHT T&B
AIR SCOOP
1/32" SHT. FLOOR
1/16" SQ.
RUDDER
1/32" I.D. ALUM. TUBE W/ WIRE HINGE ALLOWS STAB. INCIDENCE ADJUSTMENTS. CEMENT TUBE TO STAB. CEMENT WIRE INSIDE UPPER LONGERONS.
1/16" SHT. FILLER AFT TO TAIL POST
NOTE DIA. CHANGE
EXHAUST PIPE 1/32" I.D. ALUM. TUBING
STRUT ANCHOR .005 ALUM. (2 REQ.) REAR STRUT ONLY
FALSE RIBS 1/32" HARD SHT. (16 REQ.)
1/32"x1/16" BASS
1/32"x1/16" BALSA
FRONT SPAR 1/16"x5/8" HARD
REAR SPAR 1/16"x5/16" HARD
WING RIBS (20 REQ.)
FENDER .005 ALUM.
DASHED LINES SHOW DOORS - STARBOARD SIDE
R-1 1/32" PLY (4 REQ.)
1/32" I.D. ALUM TUBE WRAPPED W/ THREAD & CEMENTED INSIDE UPRIGHT
ELEVATOR & RUDDER CONTROL HORNS 1/32" PLY (3 REQ.)
TAB
DO NOT COVER THIS PORTION OF FIN
LONGERONS 3/32" SQ.
ALL DIAGONALS & UPRIGHTS 1/16" SQ.
1/32" PLY GUSSET
3/16" SHT.
.005 ALUM.
A
BRASS DISCS
.005 ACETATE
THIS DIA. GLUED INSIDE FRAME
HARDWOOD DOWEL
RUBBER BANDS
BAMBOO STRUT
1/32" SQ. BASSWOOD STRINGERS SET IN FUSE. SIDES
REGISTRATION LETTERS ARE WHITE
1/32" SHT TO THIS POINT
ANCHOR REAR STRUT
EXHAUST PIPE
COCKPIT
OLEO COVER BALSA
1/32" PLY.
BLOCK
SODA STRAW COVER ON ALL STRUTS
COVER "SPOKES" W/ TISSUE
TIRE VALVE OPENING
NON-SCALE L.G. TO ACCOMMODATE 14" PROP
*NOTE: LEFT SIDE SHT. NOT SHOWN THIS VIEW
*NOTE: ALL PARTS BALSA UNLESS OTHERWISE NOTED
LAM. BLADE
(NOT TO SCALE)
15°
℄ OF CAN
CAN
5" DIA. APPROX.
RUBBER BANDS
BIND CEMENTED BLADES TO CAN AS SHOWN
14" DIA. PROP.
FRONT VIEW OF DOWEL
CUT
3/8" DIA. BIRCH DOWEL
30°
PROP HUB
FRONT
SIDE
LAMINATE PROP FROM 2 PCS. 1/64" PLY COVER FRONT W/ 1/32" BALSA AFTER BLADES ARE CEMENTED IN SPINNER
A 1" = 1' SCALE - RUBBER POWER
DE HAVILLAND 75
HAWK MOTH
DESIGNED & DRAWN BY: BILL NOONAN
TRACED FOR M.B. BY: S.A. PATTERSON
SPAN — 44"
LENGTH — 29"
POWER — 10 STRANDS 3/16" BROWN
0 1 2 3 4 5 6 inches
MODEL BUILDER magazine
621 W. NINTEENTH ST. COSTA MESA CALIF. 92627
Plan No: 12772