RUDDER POST

R1

R2

R3

R4

3/16 SHT.

BIND & SOLDER

NOSE WHEEL MODIFICATION FOR (2) WHEELS

F12

3/16 PLYWOOD

F11

CABIN FORMERS

C-C

B-B

A-A

3/16 BALSA OVER 3/16 PLY.

BALSA BLOCKS

SEKYU AREA

FILL IN WITH BALSA BLOCK

PLANK 11.9

F1

F2

F3

F4

F5

F6

F7

F8

F9

F10

F11

F7A

CUT ALL BULKHEADS FROM 3/16 PLY. STACK IN PLACE WITH 5 MIN. EPOXY

FILL

R4

R3

1/2x12 BLOCK

1/16 SHT

R2

1/16 SHT

R1

STAB OUTLINE

BALSA BLOCK

1/4-20 BOLT WING HOLD DOWN

CUT FRAME FROM 1/4" PLYWOOD

PUSHROD EXIT

3/16 SQ

1/4x1 HARDWOOD BLOCK (2)

SPRUCE 1/4 SQ STRINGERS

1/4x1x13 POST RUDDER

3/16 SQ.

L.G. STRUT 1/2 WIRE (REQ'D)

(FRONT)

2 EACH REQD MAKE RIGHT & LEFT SIDES

FILLER BLOCK

STEERING NOSE GEAR STRUT & BLOCKS

HARDWOOD BLOCK

PLASTIC BOTTLE STOPPER EPOXY IN PLACE

J-BOLT

1/8 I.D. BRASS TUBING FOR L.G.

NUT & WASHER

HARDWOOD BLOCK

WATERLINE

1/2 SHT. PLANK 19

2 1/2 DIA. NOSE WHEELS (2)

PLANK 2.7 THICK FROM F1 TO STEP WITH 1/2 x 3/8 HARDWOOD BACK

2 1/2 DIA WHEELS

GRUMMAN ALBATROSS SA-16B

DESIGNED BY CHESTER BABBIN

DRAWN & FLOWN BY C. BABBIN

SHEET 1 of 2

GRUMMAN ALBATROSS

SHEET 2 of 2

MAKE COWL FROM 4" DIA PLASTIC BOTTLE

3/32 SHT

SAIL TIPER IN TRAILING EDGE

FLAP

VIEW THRU NACELLE

USE THATONE SHORT MOUNT. ENYA .45 USED ON ORIGINAL

3/16 PLY FIREWALL

USE 1/4 x 3/4 BALSA LEADING EDGE

NACELLE OUTLINE

INFO. FROM PGB-64-2 FEB 15TH GRUMMAN AIRCRAFT BETHPAGE N.Y.

PONTOON

BALSA BLOCK

R14 R13 R12 R11 R10 R9 R8 R7 R6 R5 R4 R3 R2 MAIN SPAR R1 R0

1/8 PLY

3/16 x 5/8

3/16 x 7/8

1/8 PLY PLUTE THROTTLE

BLOCK

1/8 PLY PLATE (SUPPORT FOR WING BOLTS)

SEE DETAIL FOR AILERON

FALSE RIBS

FLAP

SCREW OR BOLT

WING MAIN

LEADING EDGE

FIREWALL

3/16 x 5/8 x 18 5/8 SPAR

1/2" T.E. STOCK

3/16 x 3/4 x 13 AILERON SPAR (45° Angle)

1/2" SHIM UNDER TRAILING EDGE

BUILDING BOARD

ENTIRE WING SHEETED WITH 3/32 BALSA.

CUT T.E. AFTER ALL RIBS & AILERON SPAR IS GLUED IN PLACE...

1/2" T.E. STOCK

1/4 x 3/4 BALSA L.E.

1/2 SHIM

MAIN SPAR

TYPICAL SECTION THRU AILERON

NOTE: WING IS BUILT UPSIDE DOWN

S1 S2 S3 S4 S5

STAB RIBS
1/8 SHT. BALSA

R-5 R-9 R-10 R-11 R-12 R-13 R-14

RIBS R-0 THRU R-5
3/16 HARD BALSA.
R-6 THRU R-14
1/8 SHEET

R-0 R-1 R-2 R-3 R-4 R-5 R-6 R-7

TYPICAL ARCH TO BE REMOVED

1/2" TRAILING EDGE STOCK

S6

R15 R14 R13 R12 R11 R10 R9 R8 R7 R6 R5 R4 R3 R2 R1

3/4"

10"

MAIN SPAR (MAPLE or CHERRY)

1/2 PLY HORN

1/4 x 1/2 LE

S1

BALSA BLOCK

ALTERNATE METHOD OF STAB CONST

S2

1/16 x 5/8

3/16 x 1/2

S3

SHEET STAB WITH 1/16 BALSA

S4

S5

S6

BLOCK

BALSA BLOCK