52" Wingspan Flying Boat . . . 39½" Length Overall

For .049 to .099 Free-Flight **.074 to .10 Radio Control**

WING FLOATS SHOULD BARELY TOUCH WATER WITH AIRCRAFT AT REST

PRE-DOPE STRUCTURE TO HELP WATERPROOF

FLAT CENTER-SECTION

1" TAPERED TRAILING EDGE

OPTIONAL TAPER

3-1/4" DIHEDRAL

CENTER WING SHEETING

WING GUSSETS

WING FLOAT

PIN-PRICK THROUGH TOP AND BOTTOM AT ALL WING AND STAB RIB POSITIONS TO DRAIN WATER SEEPAGE. IT MAY BE BLOWN OUT, OR HOLE ENLARGED A TINY BIT AS NEED BE. THIS IS MOST IMPORTANT. ALWAYS DRAIN HULL, WING TIPS PRIOR TO EACH FLIGHT. DRY IN SUN AT HOME.

TRIM & SAND

WING CENTER PANEL

WING BUILT IN THREE PANELS

W-19

3/16" X 3/8" WING SPAR

1/16" BALSA SHEETING

INSERT PLYWOOD WING FLOAT MOUNT AFTER WING IS COVERED & DOPED

W-5 W-4 W-3 W-2 W-1A W-1A W-2 W-3 W-4 W-5A W-6 W-7 W-9 W-10 W-11 W-12 W-13 W-14 W-15 W-16 W-17 W-18

1/8" PLYWOOD WING GUSSETS

1/8" X 3/8" PLANKING STRIPS

TIP FLOATS MAY BE CEMENTED INTO WING, OR MADE REMOVABLE FOR LAND FLYING. ARRANGE PIN CLIP.

1/16" SHEETING TOP & BOTTOM

1/8" X 3/8" BRACING

LEFT WING PANEL

1/8" X 1/4" WING SPARS

1/16" SHEETING TOP

W-1 W-1 W-5 W-8

CEMENT NACELLE PLY MOUNT INTO WING SLOT BETWEEN W-1 RIBS. ALLOW SEVERAL DAYS DRYING TIME.

WING GUSSETS

1/8" X 3/8" BRACING

SAND TO AIRFOIL

ROUND OFF AT LEADING EDGE

1/4" SQ. LEADING EDGE

TIP FLOATS MAY BE CEMENTED INTO WING, OR MADE REMOVABLE FOR LAND FLYING. ARRANGE PIN CLIP.

Light enough for easy hand-launching, from the beach or boat. Tr tandem wheels for land use.

SAND COMPLETED FUSELAGE PRIOR TO COVERING

COVER WET OR DRY WITH TISSUE OR SILK

1/8" X 3/8" LONGERONS

RECESS FOR CELLULOID

SEC. H-5

SEC. H-6

1/8" SQ.

DIE-CUT STEP OUTLINE

H-4 H-5 H-6

1/16" BALSA SHEETING

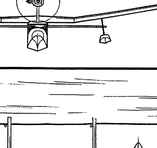
NOTE VERTICAL GRAIN DIRECTION

SEC. H-4

1/8" X 3/8" PLANKING STRIPS

SEC. H-7

CROSS-SECTIONS



Standard tissue or Silkspan is advisable, silk if you prefer. Dope to high gloss and seal with pinholes. Pre-coat structure with coat of dope.

SEC. H-1

H-3 H-2 H-1 H-1A H-1B

SEC. H-3 SEC. H-2

1/8" SQ.

H-3B H-2B

1/16" DIE-CUTS

1/8" X 3/8" PLANKING STRIPS

Use full bore for R.O.W. Water-rose can slice back r.p.m. on lift-off. Stab designed for easy elevator trim, free-flight adjustments, or easy be left intact. Make your installations simple.

1 TO 2 DEGREES RIGHT THRUST RECOMMENDED

1/4" SQ. LEADING EDGE

GAS TANK INSTALLED

HARDWOOD ENGINE MOUNTS

1/8" X 3/8" NACELLE BRACING

N-2 N-3

LAMINATE NACELLE MOUNT

.074 .099 & .10 ENGINES RECOMMENDED

USE .099 FOR R/C WATER TAKE-OFFS

4 DEGREES UPTHRUST BUILT INTO DESIGN

N-10 HARDWOOD ENGINE MOUNTS

GAS TANK INSTALLED

N-12 N-7 8 9 N-13

N-1 PLY FIREWALL N-11

ENGINE NACELLE

SHAPED BLOCKS CEMENTED TO EACH SIDE OF FL-1

SHAPED BLOCKS CEMENTED TO EACH SIDE

TRIM TO OUTLINE

DIE-CUT TIP FLOAT CENTER FL-1

WING FLOAT MOUNTS

1/16" X 1/8" BOTTOM RIB CAPS

1/8" X 3/8" BRACE

BALSA BLOCK

SEC. H-8

SPLICE SIDING

SEC. H-9

SEC. H-10

1/16" AFT BOTTOM SHEETING

TRIM & SAND TO FL-1 OUTLINE & AS SEEN IN TOP VIEW

DIE-CUT STEP OUTLINE CEMENTS TO BOTTOM AFT SHEETING, AND SECOND OUTLINE FOLLOWS STEP.

AERIAL

RUDDER FIN

SAND TO AIRFOIL

CLOTH HINGES

R-1

HINGE LINE

TRIM AND SAND TO AIRFOIL SECTION

ADJUST WIRE POSITION FOR MORE OR LESS RUDDER SWING

FILE ENDS TO SHARP POINT

TRIM TAB

RF-2

RF-4

GRAIN DIRECTION

WIRE YOKE

.045 WIRE FITTINGS

RF-3

RF-1

H-21

BIND WITH THREAD

WASHER

BEARING

H-16

SOLDER RETAINING WASHERS

WATER-RUDDER MOVES WITH RUDDER

SEC. H-15

PLASTIC BAG OR SARAN WRAP WATER-PROOFING

RECEIVER

PRE-COAT END GRAIN EDGES BEFORE CEMENTING

LAMINATED PLYWOOD N-2 N-3

1/8" X 3/8" NACELLE BRACING

MODEL MUST BALANCE LEVEL HERE

1/16" CENTER SHEETING TOP & BOTTOM

3/16" X 3/8" WING SPAR

1/8" X 3/8" BRACING

ESCAPEMENT OR SERVO MOUNTED HERE .045 WIRE FITTINGS

CEMENT SHEETING FILLET TO WING

COVER ENTIRE HULL WITH MATERIAL PROVIDED

CLEAR DOPE THIS MODEL TO A HIGH GLOSS

FUEL TANK FITS HERE

5/16" X 1/2" X 4-1/8" HARDWOOD ENGINE MOUNTS

N-7 N-8 N-9

N-4 N-5 N-6

1/8" PLYWOOD USE CONTACT TYPE CEMENT TO ADHERE

MOORING HOOK

HULL TOP KEEL FORWARD

SEC. H-1 SEC. H-2 SEC. H-3

DRAIN

H-22 H-18 H-17 H-27 H-25 H-24 H-12T

CENTER OF GRAVITY

¼" DIE-CUT CELLULOID WINDOWS

EYELET

WIRE YOKE

1/8" X 3/8" HULL TOP KEEL AFT

1/8" X 3/8" LONGERONS

PARTING LINE

BALSA NOSE BLOCK

CELLULOID WINDSHIELD

SEC. H-5 SEC. H-7

WING FLOAT MOUNTS

SEC. H-10

1/8" SQ.

1/4" SQ. TORQUE ROD

SEC. H-13

1/8" SQ.

BATTERIES

RECESS FOR CELLULOID

SEC. H-4

SINGLE CHANNEL RECEIVER POSITION

SEC. H-6

WING FLOAT

FL-1

H-19

1/8" BALSA SHEETING

SEC. H-14

1/8" BALSA SHEETING

HULL SIDE VIEW

H-11B

SPLICE SIDING

H-23 HULL BOTTOM KEEL AFT

SEC. H-11

SEC. H-12

SPLICE

1/16" AFT BOTTOM SHEETING

CHINE LINE

KEEL LINE

H-11

1/8" SQ.

H-11B

1/16" DIE-CUTS

TRIM

SEC. H-11

SEC. H-12

1/8" X 3/8" LONGERONS

1/8" SQ.

SEC. H-13

SEC. H-14

SEC. H-15

1/16" AFT BOTTOM SHEETING

MEASURE CROSS-PIECES (1/8" SQ.) 1/4" NARROWER THAN SIDING OUTLINE TO ALLOW FOR THE UPRIGHTS

CHINE LINE

HULL BOTTOM KEEL FORWARD

HULL BOTTOM KEEL FORWARD

1/16" DIE-CUTS

STEP STARTS HERE

1/8" X 3/8" PLANKING STRIPS

NOTE VERTICAL GRAIN DIRECTION

SEC. H-8

WING FLOAT POSITION

SEC. H-9

GEAR IN TUBING FOR EASY REMOVAL

2 REQ.

2 REQ.

½" DIA. FORMED LANDING GEAR

ESCAPEMENT OR SERVO

PLASTIC BAG OR SARAN WRAP WATER-PROOFING

OPTIONAL WHEEL POSITION

MOUNT NOSE GEAR IN TUBING FOR EASY REMOVAL

PLASTIC BAG OR SARAN WRAP WATER-PROOFING

WHEEL POSITION OPTIONAL

FUSELAGE ALIGNMENT FORMER

DIE-CUT STEP OUTLINE CEMENTS TO BOTTOM AFT SHEETING, AND SECOND OUTLINE FOLLOWS STEP.

RADIO ACCESS THROUGH TOP OF CABIN

BUTT BLOCK REINFORCES SPLICE

DIE-CUT STEP OUTLINE

1/8" SQ.

WING/HULL PARTING LINE

1/16" SHEETING TOP & BOTTOM

1/8" DIE

RUDDER FIN

BALSA NOSE BLOCK

SAND SMOOTH

DRAIN

SINGLE CHANNEL RECEIVER POSITION

FUSELAGE ALIGNMENT FORMER

MEASURE CROSS-PIECES (1/8" SQ.) 1/4" NARROWER THAN SIDING OUTLINE TO ALLOW FOR THE UPRIGHTS

ESCAPEMENT OR SERVO

1/8" X 3/8"

1/8" SQ.

SPLICE SHEET

TOP VIEW

BIND & SOLDER

MOORING HOOK

3/16" X 3/8" WING SPAR

1/16" X 1/8" BOTTOM RIB CAPS

NOTE ALL SPARS ARE INTERNALLY MOUNTED

3/16" DIA. DOWEL

SEAL OFF TOP WITH TAPE & HATCH

SIDING BUTT BLOCK REINFORCES SPLICE

3/16" DIA. DOWEL

WING GUSSETS

WING FLOAT MOUNTS

1/8" PLYWOOD

H-1 N-2 N-3

FOR R/C INSTALLATION

REDUCED SCALE PLYWOOD LAYOUT

R/C MOUNTS

AIRFOIL SECTIONS

1/16" X 3/32" CAPSTRIPS

1/8" X 1/2" LEADING EDGE

CAPSTRIPS, TOP & BOTTOM

1/8" SQ. STAB SPAR

TRIM & SAND

SAND TO AIRFOIL

1/16" X 1/8" RIBS OF STRIP

KEEP WEIGHT TO A MINIMUM FOR R.O.W.

BIND WITH THREAD

1/4" SQ. TORQUE ROD

TRIM AND SAND TO FAIR IN

S-1

WIRE YOKE

WIRE YOKE

.045 WIRE FITTINGS

1/8" X 1/2" LEADING EDGE

TRIM TO OUTLINE

1/16" BALSA SHEETING

1/16" X 1/8" RIBS OF STRIP

1/16" X 3/32" CAPSTRIPS

1/4" X 3/8" STAB TIP BLOCKS

1/8" SQ. STAB SPAR

1/8" SQ. STAB SPAR

STABILIZER

PIN-PRICK AT EACH RIB POSITION FOR WATER DRAINAGE. IMPORTANT!

S-2

1/8" X 1-3/8" TRAILING EDGE

1/8" X 1-3/8" TRAILING EDGE

TRIM TO OUTLINE

OPTIONAL ELEVATOR SURFACES

OPTIONAL TAPER

1/4" X 3/8" STAB TIP BLOCKS

ALIGN RIB ENDS TO MEET TRAILING EDGE STRIP EXACTLY, SAND SMOOTH

1" TAPERED TRAILING EDGE

W-19

Nacelle and wing floats, designed for smallest size, minimum drag. Floats take shock well, a fiber-teach is advised to limit the engine run.

Its home is the blue water. Designed for it! An N.A.C.A. Long Planing type hull design, with engine set high overhead in a nacelle. Stays dry in normal landings, and unlike converted free-flights, flying boat types seldom upset on the touchdown. The "Navigator" is a beautiful, graceful capable all-round, stable on water, on the climb, glide and landing, a roomy fuselage for radio installations, access through top of the cabin. R/C electronic equipment is fully waterproofed when shrouded in Saran-Wrap. Operate in salt or fresh water.

AMA 8932

Run your engine dry at end of the day, lubricate it inside and out. Fly it free-flight or by radio, either way. Rudder only, to keep it light and simple. Thrill to the sight of a wide-open seaplane racing across the water, lighter on the step, then airborne and climbing to a speck. Guide it in for a liquid landing, a thrilling sight to see. Wing floats are removable for land flying too, & plan shows how wheels may be installed for amphibious operations. Fly on a bay, lake, pond or puddle. No flying field? Summer coming? Seaplane?

W-18 W-17 W-16 W-15 W-14 W-13 W-12 W-11 W-10 W-9 W-8 W-7 W-6

3/16" X 3/8" WING SPAR

1/8" X 1/4" WING SPARS

NOTE ALL SPARS E INTERNALLY MOUNTED

RIGHT WING PANEL

BLOCK

CLEAR DOPE THIS MODEL TO A HIGH GLOSS

Lightweight Single Channel Radio Recommended

Rudder Control . . . Optional Engine Speed/Elevator

Jetco MODELS

Don McGovern's

NAVIGATOR

Amphibious Flying Boat

Kit # R/C-5

C. A. ZAIC CO., INC., 803 LEXINGTON AVENUE, BROOKLYN, NEW YORK Jetco

1/4" SQ. LEADING EDGE