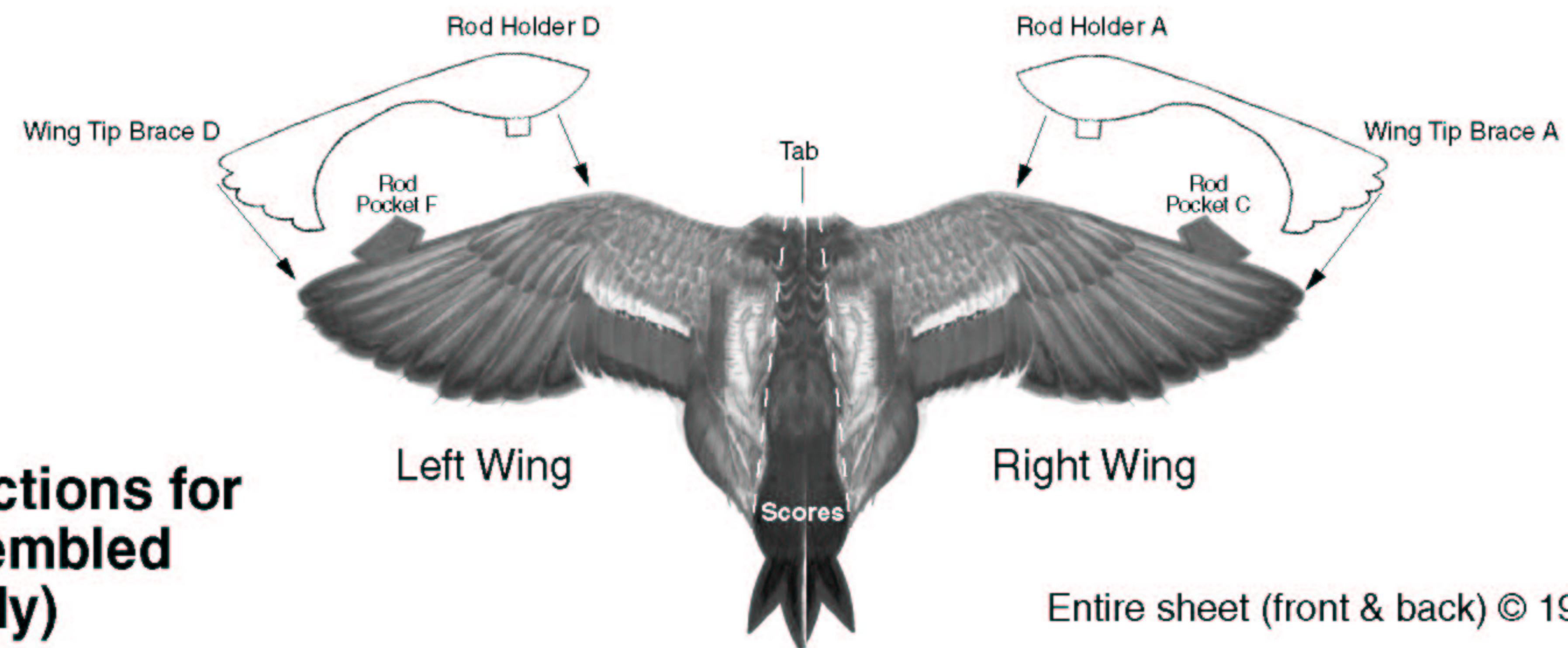


DUCK ASSEMBLY INSTRUCTIONS – Page 1

Your **Jackite™** Mallard Duck is tough, constructed of Tyvek® and a solid fiberglass spar. It is waterproof and tear resistant, and will provide you with many hours of flying pleasure.

The **Jackite** Mallard Duck original artwork was drawn by P'ter Watts, an artistic employee of Jackite.

Carefully punch out each piece. Assemble your **Jackite** using water-resistant glue (available from **Jackite**); and/or two-faced tape; and/or sewing with a long stitch and stapler.

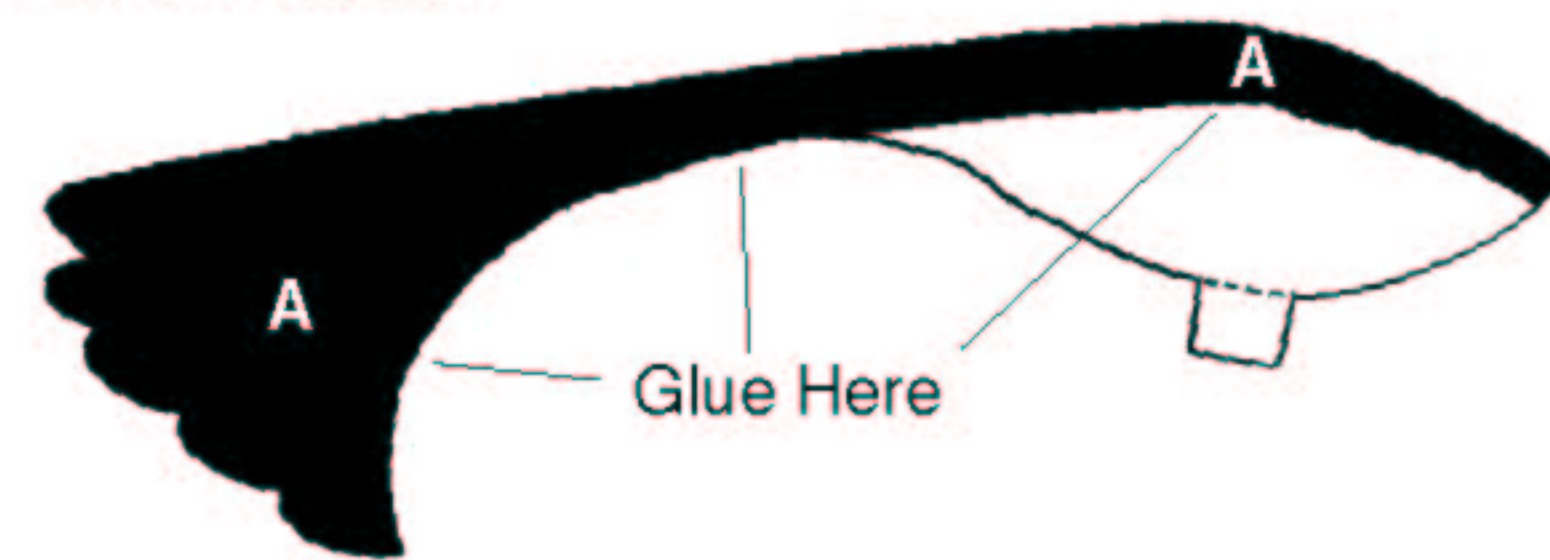


(Instructions for unassembled kite only)

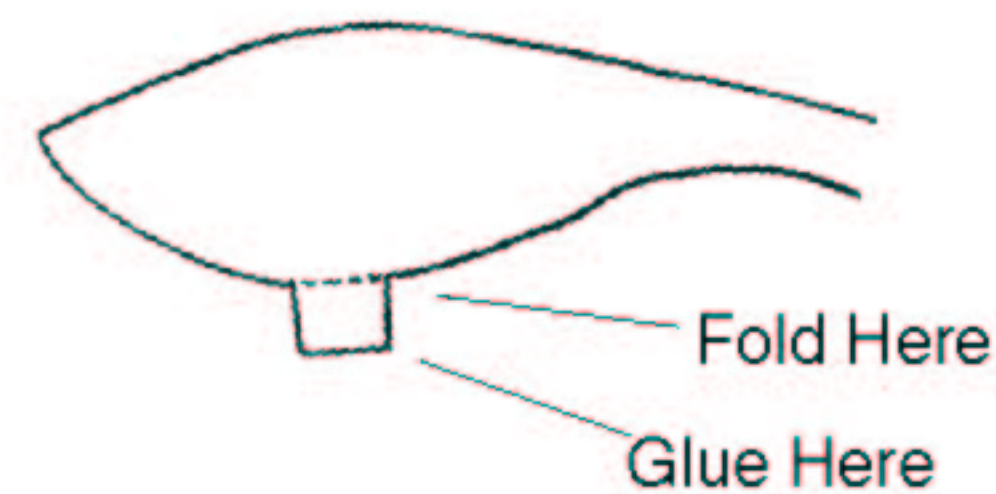
Entire sheet (front & back) © 1998 Jackite, Inc.

Prepare Wings

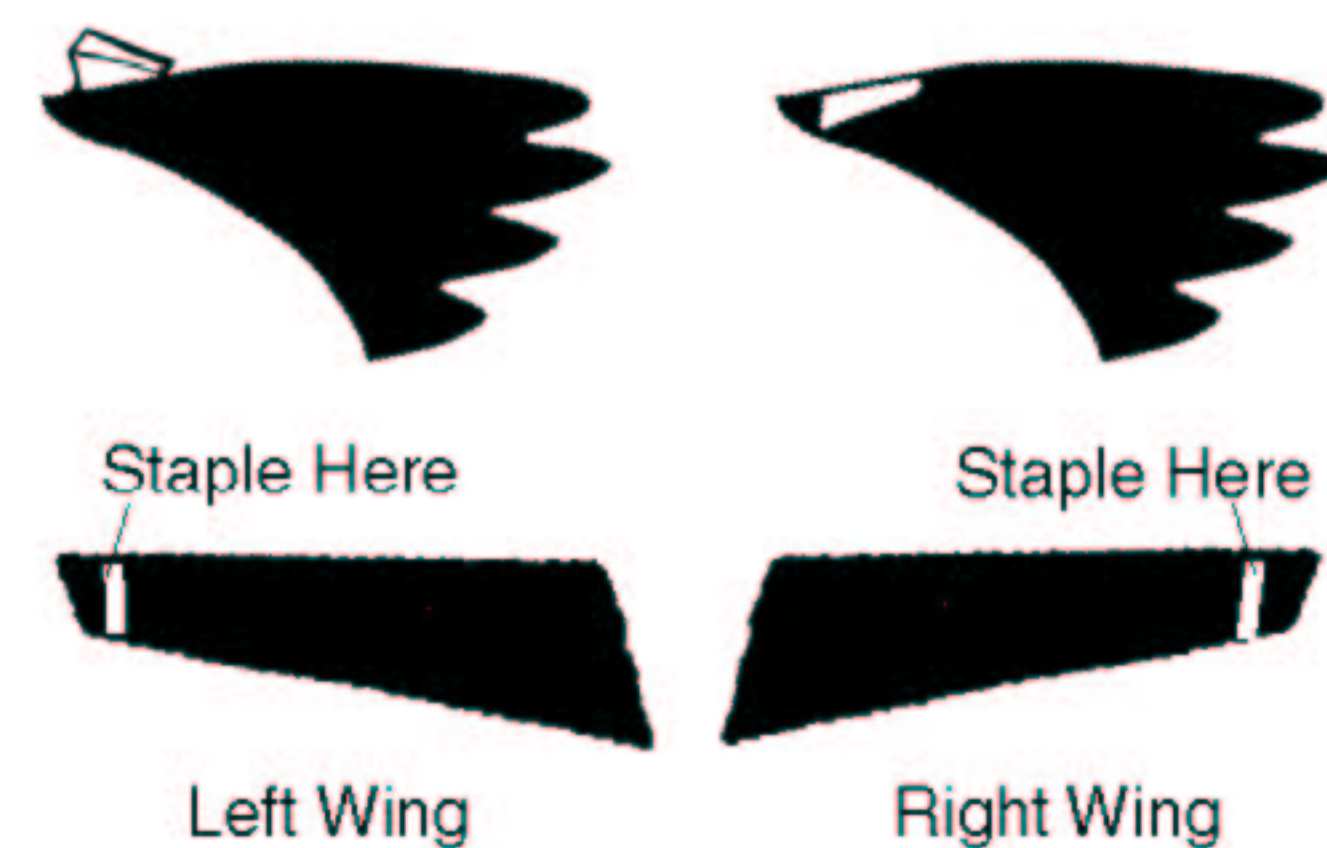
Rod Holder



Rod Holder Tab



Rod Pockets



Steps A, B & C apply to right wing

Step A: Apply glue to entire shaded area **(A)** of rod holder/wing tip brace and glue to leading edge of wing **A**. Back off $\frac{1}{32}$ from leading edge of wing for easier alignment.

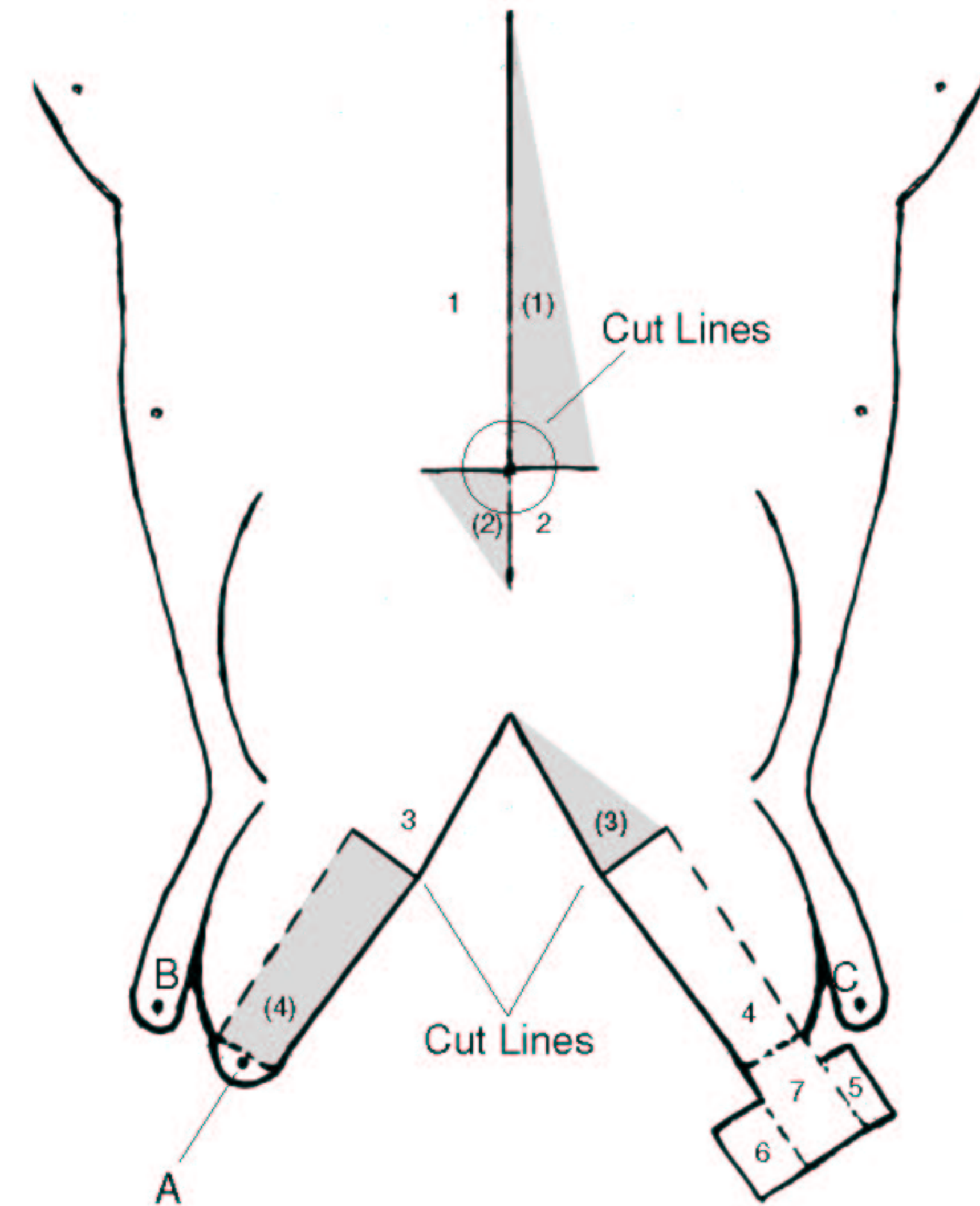
Step B: Apply glue to shaded area **(B)** of rod holder tab, fold tab under and glue to **B**.

Step C: Fold rod pockets on both scores. Apply glue to shaded area **(C)** and glue to wing **C**. Pocket will be rounded. Staple or sew $\frac{1}{8}$ " from pocket end.

Steps D, E & F: Repeat for left wing.

Fold wings on scores (shaded area **H** should be visible on outside after folding).

Head



Step 1: Clean/punch 3 holes (marked by a “•” at A, B, C) with a paperclip. Fold the tabs on score lines to inside of head. Break clean where cut lines meet.

Step 2: Apply glue to shaded areas (1) & (2). Align 1 over (1) then 2 over (2) covering gray areas. Line up the overlap to edge of the gray area. Laying head on flat surface, rub 1 then 2 so they adhere well. Note: 1 and 2 do not lay flat on table but bend slightly.

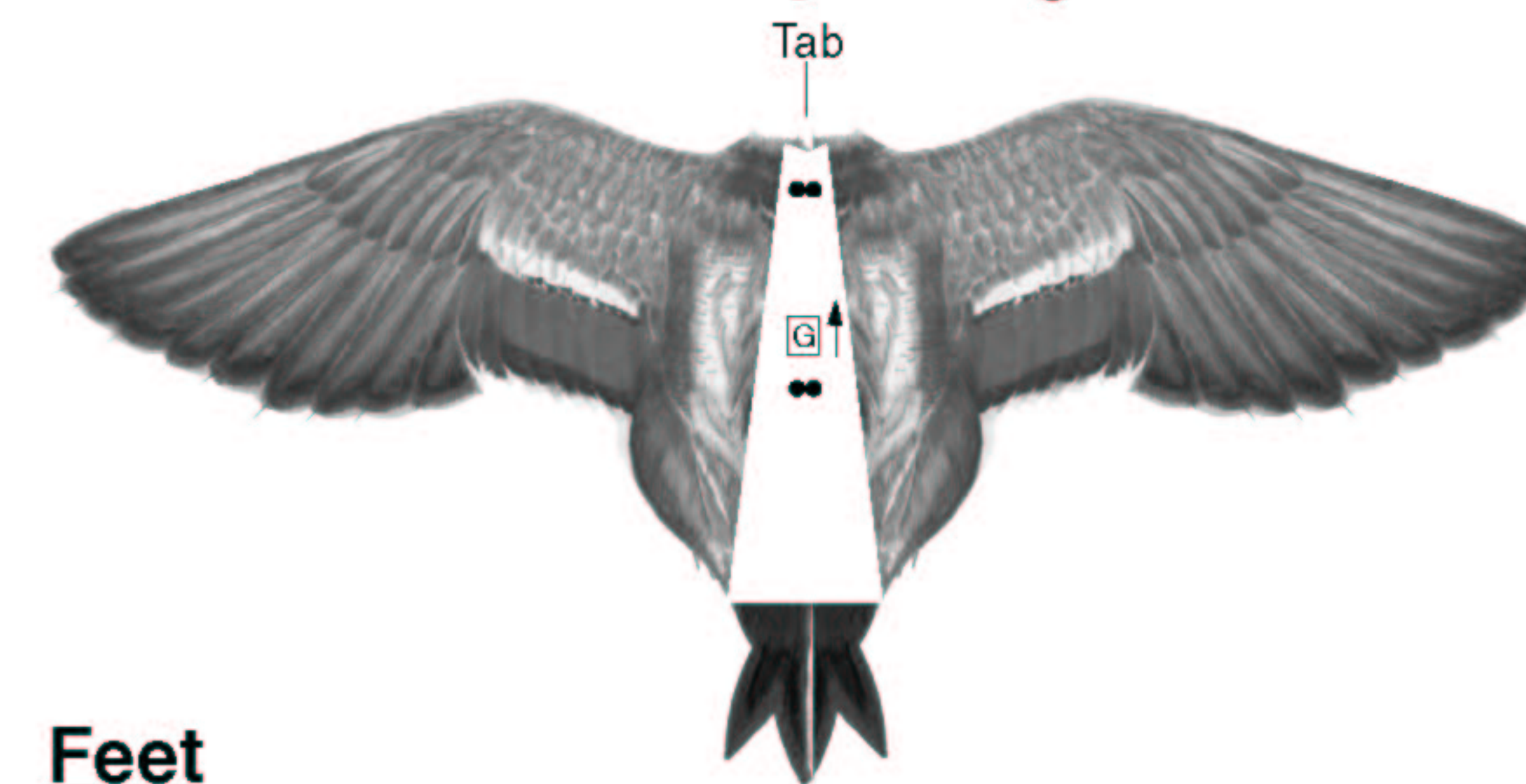
Steps 3 & 4: Apply glue to shaded areas (3) & (4). Align 3 over (3) then 4 over (4) covering gray areas. Line up the overlap to edge of gray area. Lay on flat surface and rub.

Step 5: Fold tab 5 on score line so you can still see tab 5 text. Fold tab 6 on score line covering tab 5 (you can still see tab 6 text). Tape across tabs 5 and 6 so slat can insert into front slat holder. Fold tab 7 on score line to inside of beak (covering 4).

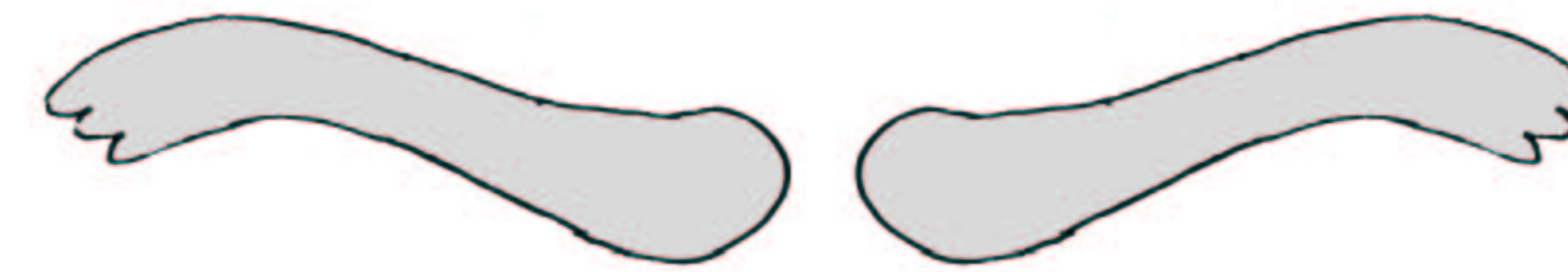
Note: 5, 6, 7 on diagram are for reference only. Look on kite for actual placement.

Assembly - Page 2

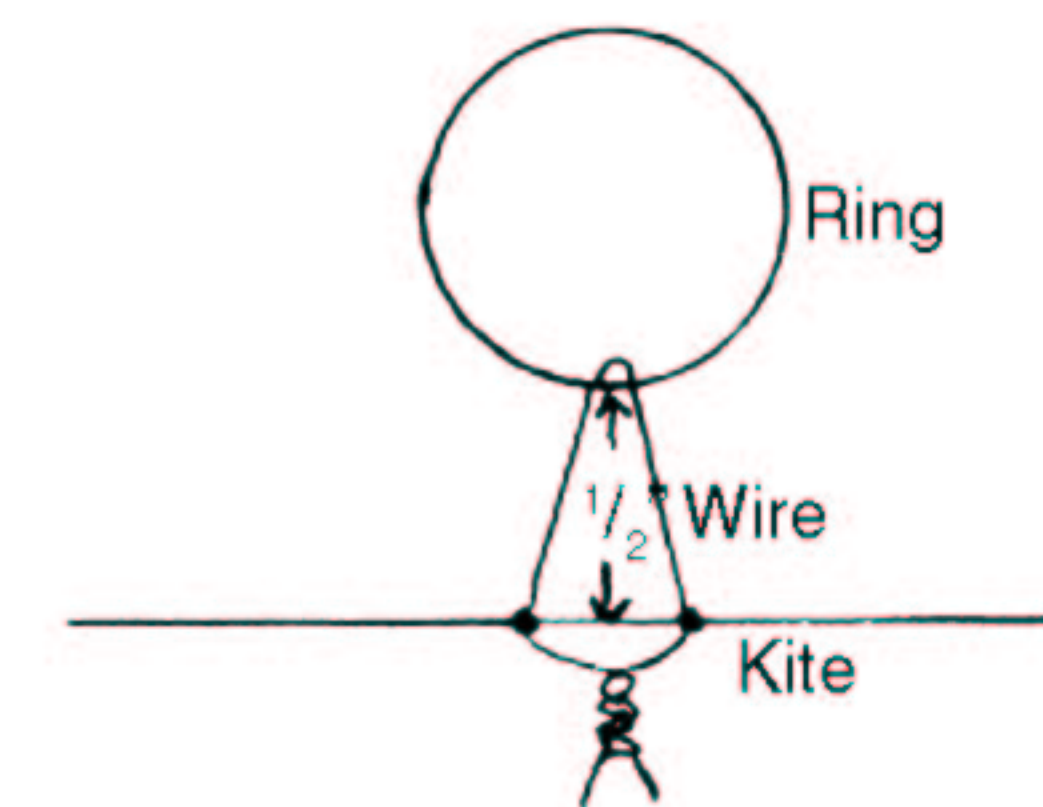
Assemble Duck Body - Wings



Feet



Rings



Step G: Fold up tab **G** on score and tape to form rear slat holder.

Step H: Fold body scores (H on outside). Apply glue to shaded area (**H**) of wings (between scores) and glue body to wings **H**. Align the two sets of ring holes (marked by a “•”).

Step I: Pull tab of wings through slot, apply glue to shaded area (**I**), and glue to inside of body **I**.

Step J: Apply glue to shaded area of foot brace (**J**) and glue to foot **J** on body. Repeat for other foot **K**.

Bend 3” white wires in half. With ring, insert into aligning holes of back brace (from text side). Twist wire on inside of body. Do not tighten ring against back brace, but allow 1/2” space for ring to move freely (this allows movement of ring, and controls wing flap). The aft ring, with fore ring, is used to hang like a mobile.

Drake Only: Roll up curls on top of tail.

Now follow instructions for pre-assembled duck.

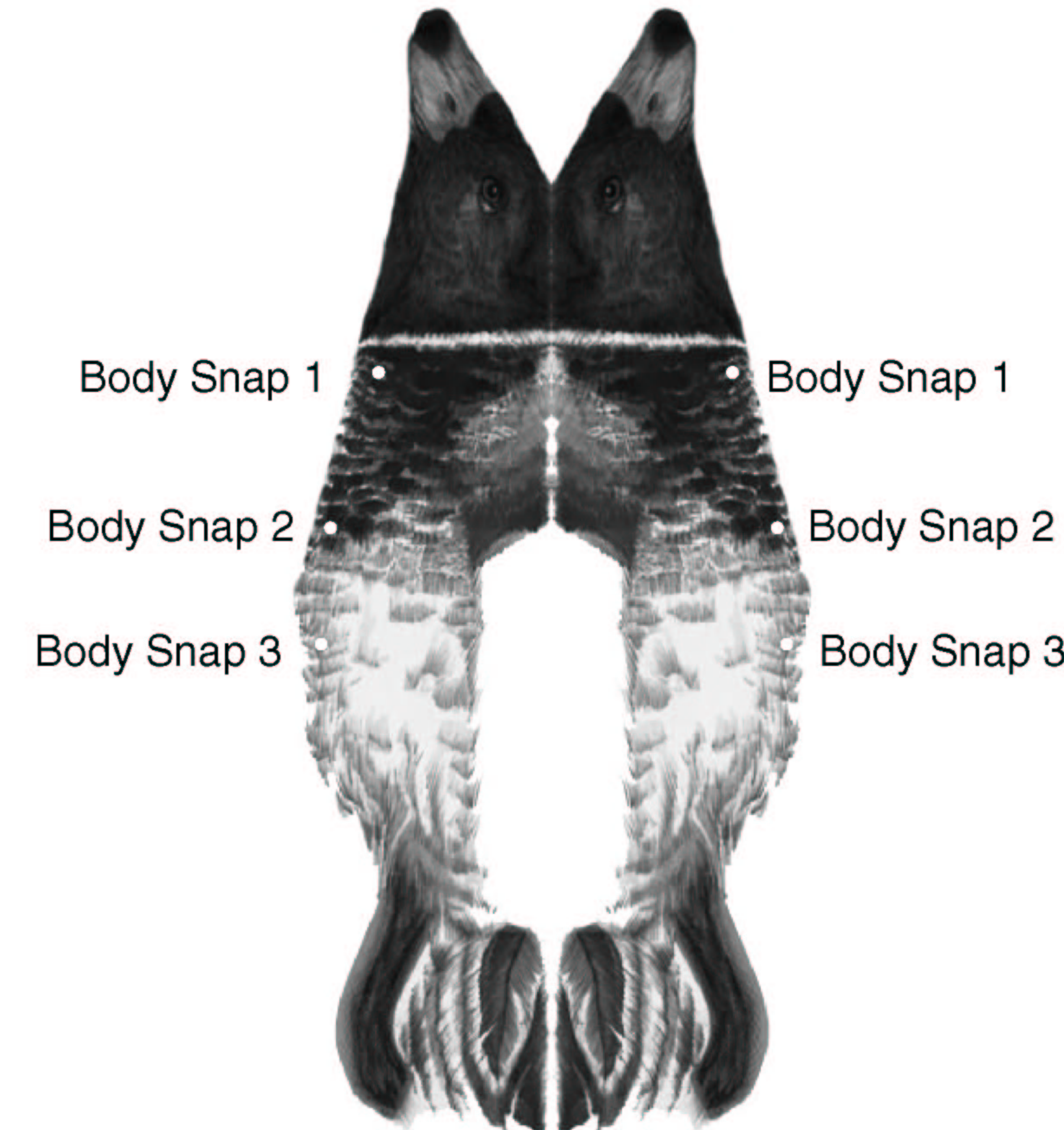
DUCK PRE-ASSEMBLED INSTRUCTIONS

Your **Jackite™** Mallard Duck is tough, constructed of Tyvek® and a solid fiberglass spar. It is waterproof and tear resistant, and will provide you with many hours of flying pleasure.

The **Jackite** Mallard Duck original artwork was drawn by P'ter Watts, an artistic employee of Jackite.

Carefully punch out each piece. Assemble your **Jackite** using water-resistant glue (available from **Jackite**); and/or two-faced tape; and/or sewing with a long stitch and stapler.

Snaps

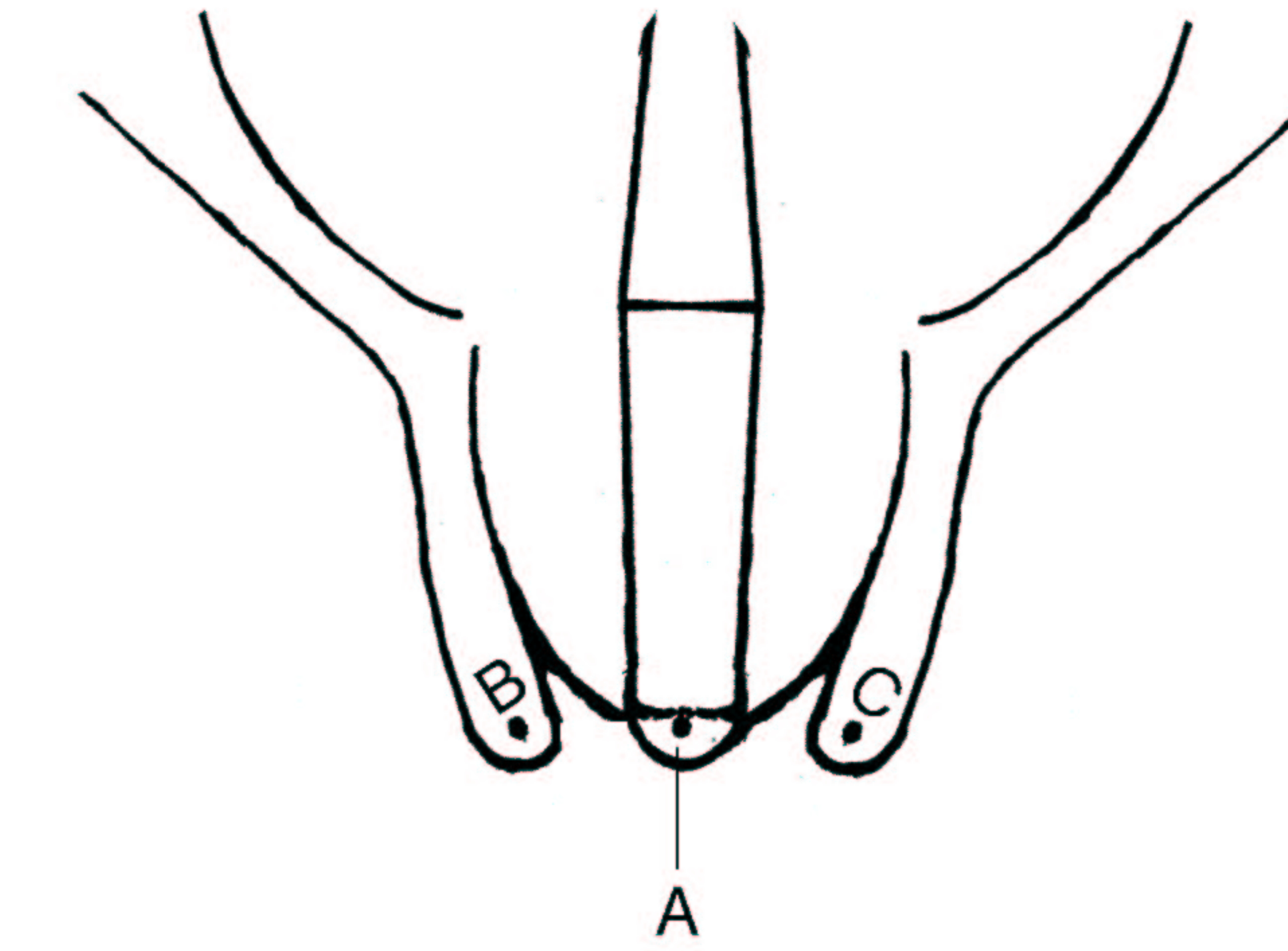


Clean/punch 6 holes (marked by a “•”) with a paperclip. Neck Snaps: Push male snap through hole 1 on inside of neck. Overlap the neck and fasten with female snap.

Body Snaps: Push male snaps through holes 2 and 3 on inside of body. Overlap the body in opposite direction of neck and fasten with female snaps.

Note: If you plan to fly your bird and store it often, then the male snaps may be sewn or superglued onto tyvek so you don't lose them.

Beak

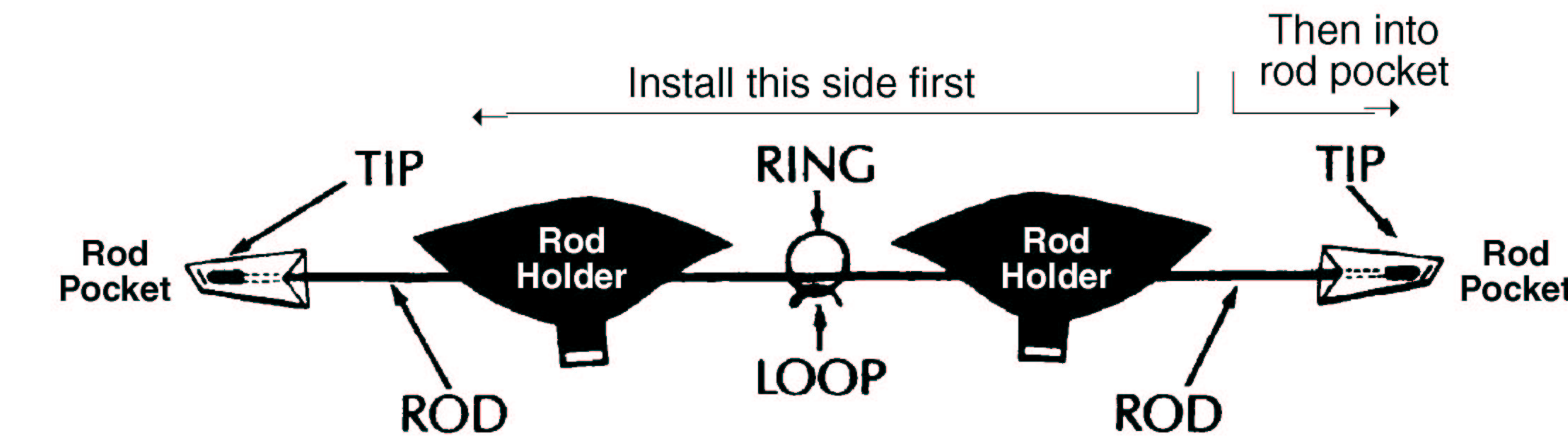


Clean/punch 3 holes in the beak (marked by a “•”) with a paperclip. Insert the small swivel through the hole in the beak up through hole **A** (not shown on kite). Fold left flap over and insert swivel up through hole **B**. Fold right flap over and insert swivel up through hole **C**. Close swivel.

Slat

The slat is used when flying your Jackite as a kite to keep the head from bending in the wind. Insert one end of slat through body and into front holder inside beak. Bend slat and insert into rear holder inside the body.

Rod



Careful with the fiberglass rod, avoid sliding your hand along rod. It can give splinters.

Insert rod through rod holder, then ring, through rod holder and into rod pocket. Install rod into final rod pocket. ***The staples are critical and should exert no pressure on the rod which must be free to flex and move left and right.***

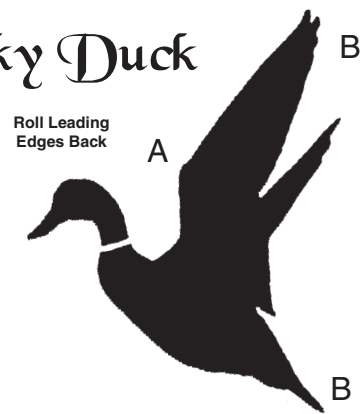
Flying Your *Jackite* Lucky Duck

Your **Jackite™** was designed as a gentle-wind kite, but flies well in varying windspeeds.

Initial Flight

Your **Jackite** is formed by the wind:

- A. Leading edges of the wings fold back.
- B. Roll sides of tail and ends of wings upward.

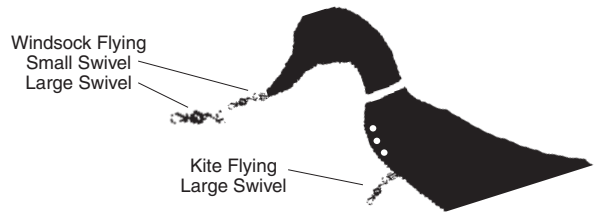


Your **Jackite** Duck has to learn to fly. In a light wind, gently bend the leading edges of the wings (A) backward. In a strong wind, bend the leading edges of the wings backward (rod holders) hard. It is important that the bends are *uniform*, stabilizing the kite and flexing with the wind to correct positions of the kite. Wet the wings with water. Pole fly until the **Jackite** adjusts its wings to their proper attitude. Your **Jackite** is precision balanced and once the kite is formed by the wind, it will “remember” its shape.

Note: If you fly your **Jackite** in a very strong wind, it may be necessary to form it again. Remove the rod, and lay it flat on its back. Smooth the wings and tail with a damp cloth. Allow to dry. It will again form to a gentle wind.

Display as a Mobile

You may desire to share the beautiful design of the Jackite with others as a decoration for your home or office. It's a real conversation piece. Attach wire from the fore ring to the aft ring with a loop midpoint. Suspend by the loop. Enjoy!



Windssock Flying

Attach line to large swivel, attach large swivel to small swivel. Winds tend to be variable and gusty, posing many problems for the kite flyer. Your **Jackite** will fly wonderfully from a pole even under these conditions. Using 8 feet of line, simply attach your **Jackite** to a 20 foot flexible pole (collapsible, available from **Jackite**), and let the wind take over. We recommend pole flying in low to moderate winds only.

Kite Flying

Remove snaps 2 and 3. With tyvek side-by-side (do not overlap), install large swivel to snap hole #2. Attach line to swivel. Install snap to snap hole #3 (diagram on pre-assembled instructions). Note: small swivel will remain in beak.

You can change the altitude of flight. With a needle, make holes along the edge of the body about one-half inch apart. Attach swivel to body and line to swivel. When the swivel is attached close to the head (low wind position), your **Jackite** will fly lower to the ground. If attached closer to the tail (high wind position), it will fly higher in the sky.

An exciting way to fly your Jackite is to attach it to the light-weight line of a fishing rod. Disengage the anti-reverse on the reel, enabling you to control the line.

Because a **Jackite** is so wind sensitive, you can fly it on as little as ten feet of line. As it lifts to the sky, let out the line as it pulls upward. We like to fly our **Jackite** on about 100-200 feet of line, amazed as it flits across the sky.

Emulating a bird in flight with a natural grace and beauty, your **Jackite** will actually flap its wings, soar to a new position, flap its wings again and soar to another position. We fly our **Jackite** along a river to the delight of passing boaters. Lo and behold! Is it a Duck or is it a **Jackite**? It's fun to fly a pair... **Jackite** Drake & Hen!

Jackite™ Lucky Duck

Written by Lee Waterfield

Mallard (Anas platyrhynchos): The Mallard is the best known and most common wild duck in the Northern Hemisphere. They are also known as greenheads. Mallards are the prize quest for the duck hunter every fall, as large flocks swarm south from breeding areas across Canada and the Northern United States. The male mallard is recognized by its glossy green head, yellow bill, white ring around the neck and chestnut breast. The hen, with her plain brown mottled body, is sometimes confused with the darker American Black Duck. The male and female both have a violet-blue wing patch.

Voice: A low “kwek-kwek”; has a boisterous quacking.

Habitat: Most Mallards use reeds and grasses to build nests, usually in marshes, wooded swamps, grain fields, ponds, rivers, lakes or bays.

Nesting: The female Mallard’s eggs are usually a pale greenish to grayish buff. Size of egg is usually 2.3 in. x 1.6 in.

Flight: Can fly at 11 weeks old. Have been known to fly hundreds of miles. In a short flight the Mallard has been documented for flying in excess of 60 mph.

Size: About 1¾ feet to 2½ feet long with a wingspan of up to 3 to 4 feet long.

Age: Average life is between 15 and 25 years. The fossil record of this bird goes back 80 million years.

Vision: They have very good vision and can see well in the dark. At the speeds they travel, they have to have excellent vision.

Feeding Habits: The Mallard primarily feeds on pond weeds, wild rice and seeds. They also feed on small aquatic insects.

Habits: Mallards dunk into the water when feeding, so only their rumps are showing. Though they do not normally nest near houses, homeowners sometimes find nests in backyard shrubbery, rooftop gutters, vines on stone walls and in window wells.



Jackite, Inc.

2868 West Landing Road • Virginia Beach, VA 23456

757.426.5359

Fax 757.426.7190

www.jackite.com

E-mail: info@jackite.com