

GA7518B

Biplane

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Kit may contain silicone gel packets, which should be removed before use.

Reorder Number

GA7518B

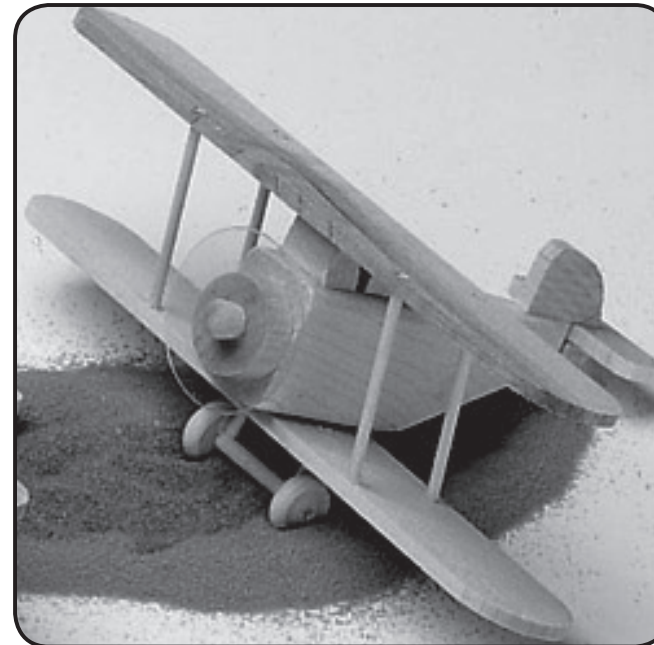
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MAKING IT EASY
to Help People Play and Learn

Biplane

PLEASE READ ALL INSTRUCTIONS BEFORE STARTING



YOUR KIT CONTAINS:

- Wood Pieces
- Wood Dowels
- Acetate Circle

YOU WILL NEED:

- Wood Glue
- Sandpaper (Optional)
- Acrylic Craft Paint (Optional)
- Stain (Optional)
- Flat Work Surface

PREP TIME: 10 minutes
PROJECT TIME: 30 minutes

INSTRUCTIONS:

1. Glue engine (3/4" dowel) to front of fuselage and flush to top. (See Figure A).
2. Glue windshield centered left to right on top of fuselage and about 3/4" from front of fuselage. Glue cockpit cover about 1/4" behind windshield. (See Figure B).
3. Glue stabilizer to rear of fuselage flush to top and centered left to right. (See Figure C).
4. Glue stabilizer support flush to back of fuselage and to the bottom of stabilizer. Glue rudder fin centered on top of stabilizer and flush to rear of stabilizer. Glue tail drag (1/2" long dowel) into hole at back and bottom of fuselage. (See Figure D).
5. Glue the four wing supports (1-3/4" dowels) into holes in the bottom's wing. The bottom wing has 6 holes; the top wing has 4 holes. Use the holes nearest the end of the wing. Do not let the supports protrude from the bottom. They should be flush with the bottom of the wing. Glue this wing with the supports to the bottom of the fuselage. Center the fuselage between the two middle wing holes. Keep the front edge of the wing approximately 1/2" from bottom front edge of fuselage. (See Figure E).
6. Glue on top wing keeping the wing supports flush with the top wing. (See Figure F).
7. Glue the two wheels centered onto each end of the axle (1-1/4" thickest dowel). (See Figure G).
8. Glue the two landing gear supports (5/8" dowels) into the two center set of holes in the bottom of wing. Glue wheel assembly (step 7) to the landing gear supports. (See Figure F).
9. Glue propeller (acetate circle) centered onto the engine. Glue spinner onto the propeller. (See Figure H).

GENERAL WOOD INSTRUCTIONS:**SANDING**

The rule of sanding is "Never across the grain."

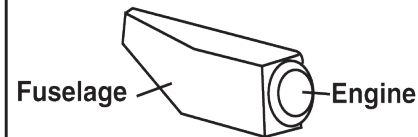
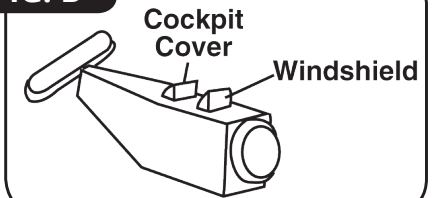
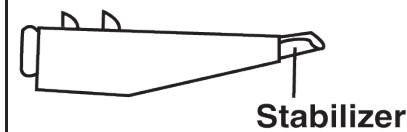
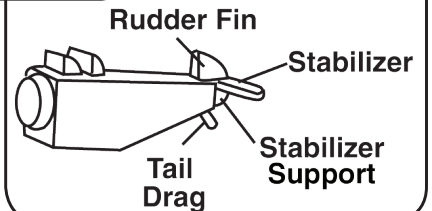
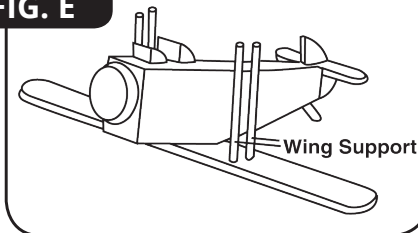
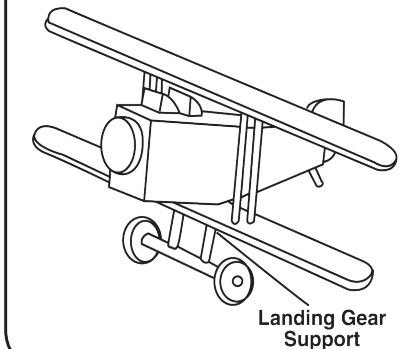
1. Do not tear sandpaper. If you do, the ragged edges will often scratch the wood surface.
2. For flat surfaces, wrap a piece of sandpaper around a block of wood or use a store bought holder. Start with a coarse grade of paper and finish with a fine grade paper (not included).
3. Be consistent. Do not sand one area with fine paper and another with coarse grade paper.

STAINING

1. Be sure the wood surface is smooth and clean. Stains can accentuate any roughness or scratches of cross grain sanding. Wipe off any dirt or dust with a soft cloth.
2. A base coat of sealer/primer and a light sanding before applying stain will ensure a uniform stain.
3. Apply stains in one direction following the wood grain. Use a soft brush or foam brush. Let the stain penetrate the wood, then wipe off excess stain with a soft cloth.
4. If stain looks too dark, dampen the cloth with water/thinner and wipe until you achieve the desired color. If stain is too light, let dry, then apply another coat of stain and wipe off.

FINISHES

1. Outdoor projects may be finished with polyurethane or varnish. **These are toxic and must be used in a well ventilated area.** Indoor projects may be finished with decoupage or left unfinished.

FIG. A**FIG. B****FIG. C****FIG. D****FIG. E****FIG. F****FIG. G****FIG. H**