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› Academy 1/144 P-8A Poseidon Model Kit Instruction Manual

Academy 492635

Academy 1/144 P-8A Poseidon Model Kit Instruction Manual

Model Number: 492635

INTRODUCTION

This instruction manual provides comprehensive guidance for the assembly and finishing of your Academy 1/144 P-8A Poseidon plastic model kit. Please read all instructions carefully before beginning assembly to ensure a successful and enjoyable building experience. This kit is designed for modelers aged 14 years and up.



Image: Front view of the Academy 1/144 P-8A Poseidon model kit box, depicting the assembled aircraft in flight over water, with a deployed sonobuoy

and a distant ship. This image illustrates the completed model's appearance.

SAFETY INFORMATION

This model kit contains small parts and sharp components. It is not suitable for children under 14 years of age due to potential choking hazards and the need for careful handling of tools and adhesives. Always use tools and adhesives in a well-ventilated area. Keep all components and tools out of reach of young children and pets.

PACKAGE CONTENTS

- Plastic model parts (unpainted, on sprues)
- Decal sheet for two US Navy variants
- Instruction manual (this document)

TOOLS AND MATERIALS REQUIRED (SOLD SEPARATELY)

The following items are essential for assembly and finishing and are not included in this kit:

- Plastic cement or adhesive suitable for polystyrene
- Hobby knife or sprue cutters
- Sandpaper or sanding sticks (various grits)
- Paints (Acrylic recommended, specific colors for US Navy P-8A Poseidon)
- Paintbrushes or airbrush
- Tweezers
- Decal setting solution and softener
- Clear coat (matte or semi-gloss)

ASSEMBLY OVERVIEW

Before starting, carefully examine all parts on the sprues and familiarize yourself with the layout. Refer to the sprue diagram below to identify components. Remove parts from the sprues using sprue cutters or a hobby knife, taking care to trim any excess plastic (flash) from the edges.

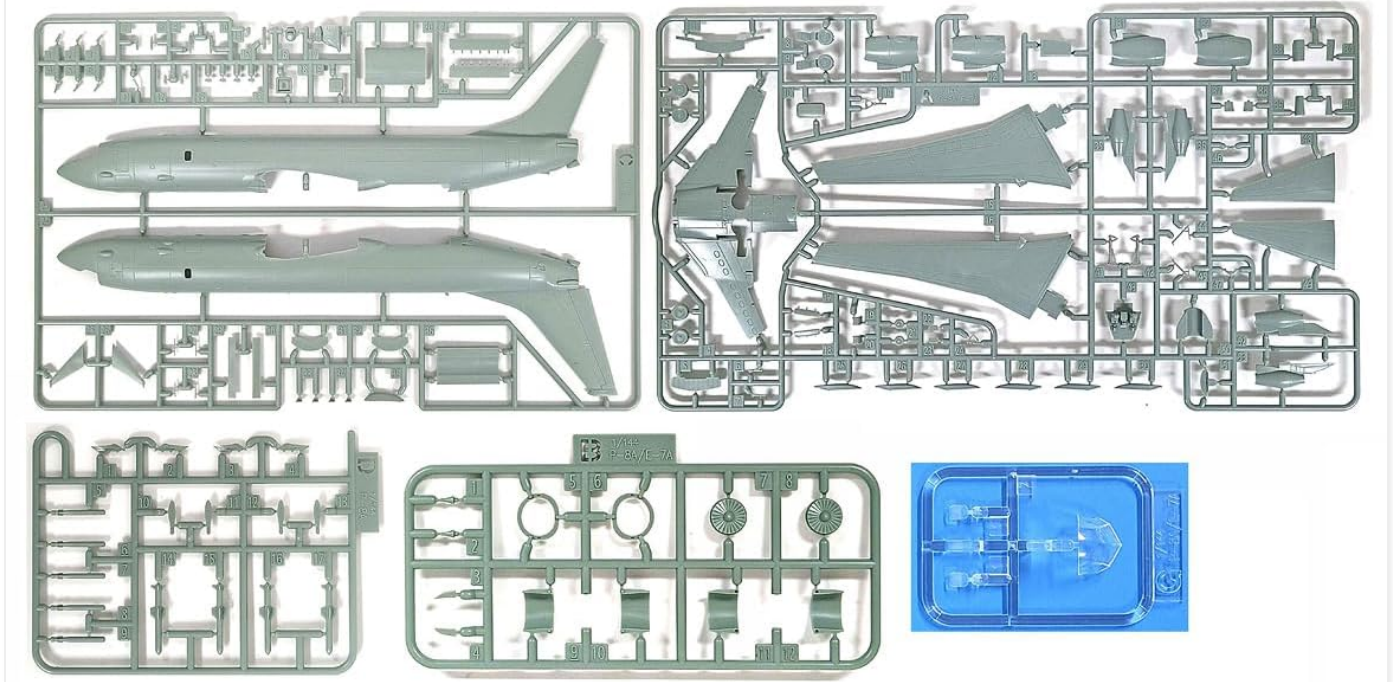


Image: A detailed view of the plastic sprues containing all the unassembled parts for the Academy 1/144 P-8A Poseidon model kit. The image shows various components like fuselage halves, wings, engines, and smaller detail parts, organized on their respective frames. This helps in identifying and locating specific parts during assembly.

DETAILED ASSEMBLY STEPS

- Fuselage Assembly:** Carefully join the two fuselage halves. Ensure proper alignment before applying adhesive. Allow sufficient drying time.
- Wing Assembly:** Attach the main wing sections to the fuselage. Pay attention to the dihedral angle. Assemble and attach the engine nacelles to the wings.
- Tail Section:** Assemble and attach the horizontal and vertical stabilizers to the rear fuselage.
- Landing Gear:** Assemble and attach the landing gear components. You may choose to build the model with landing gear extended or retracted (in-flight display).
- Armament and Details:** Assemble and attach the various missiles, torpedoes, and other underwing stores as desired. Add smaller details such as antennas and sensors.
- Surface Preparation:** After all major components are assembled, inspect the model for seams and gaps. Fill any gaps with putty and sand smooth. Clean the entire model surface to remove dust and grease before painting.

PAINTING AND DECAL APPLICATION

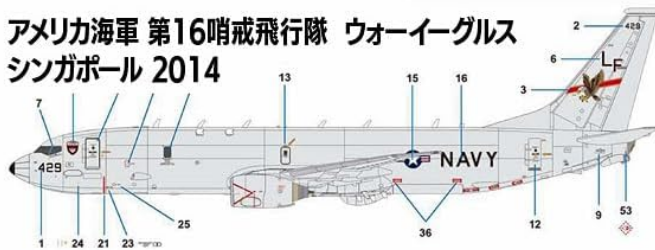
Refer to the included painting and decal guide for color schemes and decal placement. The kit includes decals for two US Navy variants. Apply a primer coat before painting for better adhesion and a uniform finish. Apply paint in thin, even coats.

ACADEMY

HOBBY MODEL KITS

1/144
SCALE

アメリカ海軍 第16哨戒飛行隊 ウォーイーグルス シンガポール 2014



王立オーストラリア空軍

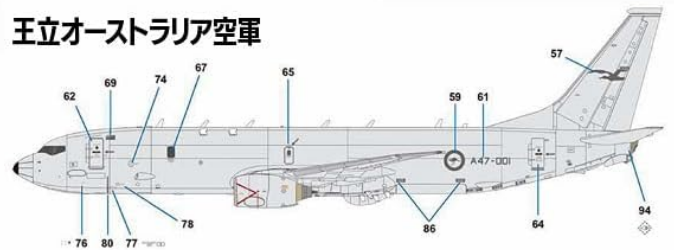


Image: A comprehensive view of the decal sheet and the painting guide for the Academy 1/144 P-8A Poseidon model kit. The decal sheet displays various markings, insignia, and stencils. The painting guide illustrates two different US Navy aircraft configurations with corresponding decal placements and color call-outs, aiding in accurate finishing.

Once painting is complete and fully dry, apply a gloss clear coat to prepare the surface for decals. Cut out each decal carefully. Dip the decal in lukewarm water for a few seconds until it slides freely on its backing paper. Position the decal on the model and gently slide it off the backing paper. Use decal setting solution to help the decal conform to surface details and eliminate silvering. After decals are dry, apply a final matte or semi-gloss clear coat to protect the finish and unify the appearance.

MAINTENANCE

Once assembled and painted, your model requires minimal maintenance. Keep it displayed in a cool, dry place away from direct sunlight to prevent fading and warping. Dust regularly with a soft, dry brush or a can of compressed air. Avoid using harsh chemicals or abrasive cleaners, as these can damage the paint and plastic.

TROUBLESHOOTING COMMON ISSUES

- **Parts not fitting:** Ensure all sprue gates are cleanly removed and check for any flash. Lightly sand mating surfaces if necessary.
- **Gaps in seams:** Use plastic putty or a small amount of stretched sprue dissolved in liquid cement to fill gaps. Sand smooth once dry.
- **Decal silvering:** This occurs when air is trapped under the decal. Ensure the surface is glossy before application and use decal setting solution to help the decal conform and expel air.
- **Paint issues (uneven, rough):** Ensure the surface is clean and primed. Apply paint in thin, multiple coats rather than one thick coat. Adjust paint consistency if using an airbrush.

SPECIFICATIONS

Brand	Academy
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Model Name	1/144 P-8A Poseidon
Item Model Number	492635
Scale	1/144
Material	Plastic
Recommended Age	14 years and up
Included Components	Plastic parts, decals, instructions
Item Weight	10.9 ounces

WARRANTY AND SUPPORT

Information regarding specific warranty terms or direct manufacturer support for this model kit is not provided in the product details. For any issues with missing or defective parts, please contact your retailer or the manufacturer, Academy, directly. Please retain your proof of purchase.

