Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Italeri 552622

Italeri V-22 Osprey 1/48 Scale Model Kit Instruction Manual

Brand: Italeri | **Model:** V-22 Osprey (No. 552622)

1. Introduction

This manual provides detailed instructions for assembling the Italeri V-22 Osprey 1/48 scale plastic model kit. The Bell-Boeing V-22 Osprey is a multi-mission, tiltrotor aircraft known for its vertical takeoff and landing (VTOL) and short takeoff and landing (STOL) capabilities, combining helicopter functionality with turboprop aircraft speed and range. This kit allows modelers to recreate this unique aircraft with high detail and accuracy.
Key features of this model kit include:

- Large 1/48 scale for impressive detail.
- Engine nacelles and rotors can be positioned horizontally or vertically.
- Highly detailed cockpit and landing gear components.
- Accurate engine nacelles and rotor blades.
- Includes precise painting instructions and a comprehensive decal set.



Figure 1: The Italeri V-22 Osprey 1/48 scale model kit box, showcasing the aircraft in flight.

2. Safety Information and Warnings

This model kit contains small parts and is recommended for ages 14 years and up. Adult supervision is advised for younger modelers. Always use appropriate safety measures when handling sharp tools (e.g., hobby knives, clippers) and adhesives. Ensure adequate ventilation when using paints and glues. Keep all components out of reach of small children to prevent choking hazards.

WARNING: SMALL PARTS - Not for children under 3 years.

3. Package Contents

Before beginning assembly, verify that all components are present and undamaged. The kit typically includes:

- Multiple plastic sprues containing fuselage halves, wings, engine nacelles, rotor blades, cockpit interior, landing gear, and other detailed parts.
- Clear plastic parts for the cockpit canopy and windows.
- One sheet of water-slide decals for markings and insignia.

- Detailed instruction booklet with assembly diagrams and painting guides.

Refer to the parts diagram in the instruction booklet to identify each sprue and component.

▶ **Watch video online**
Italeri V-22 Osprey 1/48 model airplane kit - unboxing

Video 1: An unboxing of the Italeri V-22 Osprey 1/48 model kit, showing the contents of the box including the instruction booklet, plastic sprues, and decal sheet.

4. Assembly Instructions

Follow the step-by-step diagrams provided in the included instruction booklet. Each step is clearly illustrated, indicating which parts to use and how they connect. Use appropriate plastic model cement for secure bonding.

1. **Preparation:** Carefully remove parts from the sprues using a hobby knife or clippers. Clean any excess plastic (flash) with a sanding stick or file.
2. **Cockpit Assembly:** Assemble the cockpit interior, including seats, control panels, and pilot figures (if included). Paint these components before final assembly into the fuselage.
3. **Fuselage Assembly:** Join the fuselage halves, ensuring proper alignment. Secure any internal components like the cockpit and cargo bay details.
4. **Wing and Nacelle Assembly:** Assemble the wings and the distinctive tiltrotor nacelles. The kit allows for positioning the nacelles in either vertical (helicopter mode) or horizontal (airplane mode) configurations.
5. **Landing Gear:** Assemble and attach the landing gear. Decide whether to build the model with landing gear extended or retracted, if options are provided.
6. **Final Details:** Attach smaller details such as antennas, clear parts (canopy, windows), and rotor blades.

Note: Dry-fit parts before applying glue to ensure a good fit. Some parts may require minor sanding or filling for optimal results.

5. Painting and Decal Application

The instruction booklet provides detailed painting guides, including recommended paint colors and schemes for the US Marine Aviation Development Aircraft 2001. Use acrylic or enamel model paints as desired.

- **Painting:** Apply paint in thin, even coats. Allow each coat to dry thoroughly before applying the next. Refer to the color diagrams for accurate camouflage patterns and detail painting.
- **Decals:** Once painting is complete and fully dry, apply the water-slide decals. Cut each decal close to its edge, dip it in warm water for a few seconds until it slides freely, then carefully position it on the model. Use decal setting solutions to help decals conform to surface details and eliminate silvering.

6. Specifications

Brand	Italeri
Model Name	V-22 Osprey
Item Model Number	552622

Scale	1/48
Material	Plastic
Color	Unpainted
Number of Pieces	160
Item Dimensions (L x W x H)	14.3 x 21.14 x 5.5 inches
Item Weight	1.3 Pounds
Recommended Age	14 years and up
Included Components	MODEL KIT

7. Troubleshooting

Encountering issues during model assembly is common. Here are some general tips:

- **Poor Part Fit:** If parts do not fit together smoothly, gently sand the mating surfaces. For gaps, use plastic putty or filler, then sand smooth once dry.
- **Paint Issues:** If paint appears uneven or too thick, ensure it is properly thinned and applied in multiple thin coats rather than one thick coat. Allow sufficient drying time between coats.
- **Decal Problems:** If decals do not adhere or silver (show a clear film around the image), ensure the surface is glossy before application. Use decal setting and softening solutions to help them conform to irregular surfaces and eliminate air bubbles.
- **Missing or Damaged Parts:** Refer to the manufacturer's contact information (usually found in the instruction booklet or on the box) for assistance with missing or damaged components.

8. Maintenance

Proper care will preserve the appearance of your finished model:

- **Cleaning:** Dust your model regularly with a soft brush or a can of compressed air. Avoid using harsh chemicals or abrasive materials, which can damage paint and decals.
- **Storage:** Display your model in a stable environment, away from direct sunlight, extreme temperatures, and high humidity, which can cause warping, fading, or decal degradation.

9. Warranty and Support

For specific warranty information or technical support regarding your Italeri model kit, please refer to the contact details provided on the product packaging or within the instruction booklet. You may also visit the official Italeri website for further assistance.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B00061HKFG

More documents and user manuals: **https://manuals.plus/**