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Italeri 510000189

Italeri 1:72 F-117A Nighthawk Model Kit (510000189) Instruction Manual

Detailed guide for assembling and finishing your Italeri F-117A Nighthawk model.

Overview Safety Contents Tools Paints Assembly Maintenance Troubleshooting Specifications Support

1. Product Overview

This manual provides instructions for the assembly and finishing of the Italeri 1:72 scale F-117A Nighthawk model kit, model number 510000189. This kit is designed for hobbyists aged 10 years and up, offering a detailed replica of the iconic stealth aircraft.

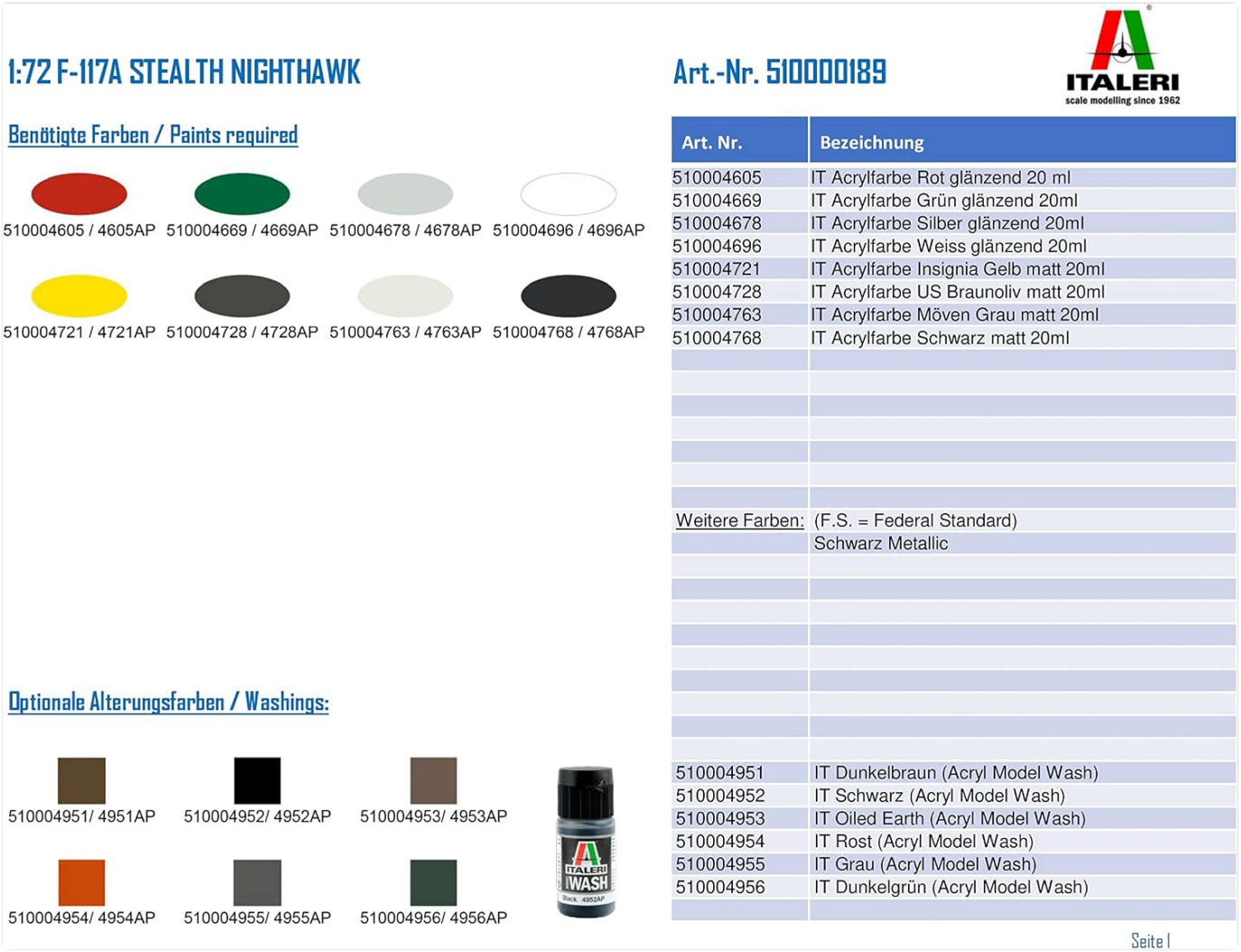


Image: Italeri 1:72 F-117A Nighthawk model kit box art. This image displays the packaging for the model kit, featuring an illustration of the F-117A Nighthawk aircraft.

The F-117A Nighthawk is a single-seat, twin-engine stealth attack aircraft developed by Lockheed's Skunk Works and operated by the United States Air Force. It was the first operational aircraft to be designed around stealth technology.

2. Safety Information

WARNING: SMALL PARTS. Not suitable for children under 3 years due to choking hazard.

- Always use tools carefully and under adult supervision if applicable.
- Ensure proper ventilation when using paints, glues, and thinners.
- Keep all modeling supplies out of reach of small children and pets.
- Avoid contact with eyes and skin when handling adhesives and paints. In case of contact, rinse immediately with plenty of water and seek medical advice if irritation persists.
- Dispose of waste materials responsibly according to local regulations.

3. Package Contents

The Italeri 1:72 F-117A Nighthawk model kit (510000189) includes the following components:

- Plastic model parts for one F-117A Nighthawk aircraft.
- Decal sheet for markings and insignia.
- Instruction booklet (this manual).

Please inspect all parts upon opening the box to ensure no components are missing or damaged. Contact Italeri customer support if any issues are found.

4. Recommended Tools

For optimal assembly and finishing, several basic modeling tools are recommended. A detailed list and illustrations are typically found in the physical instruction booklet included with your kit.

- **Plastic Cement:** Essential for bonding plastic parts.
- **Hobby Knife or Nippers:** For carefully removing parts from the sprues.
- **Sanding Sticks or Files:** For smoothing cut edges and removing mold lines.
- **Tweezers:** Useful for handling small parts and applying decals.
- **Masking Tape:** For precise painting and holding parts during assembly.

Adhesives

Use a high-quality plastic cement specifically designed for polystyrene models. Apply sparingly to avoid damaging the plastic or obscuring details.

5. Paints Required

The F-117A Nighthawk is known for its distinctive black stealth coating. A detailed list of recommended Italeri paint colors, including primary colors and optional weathering shades, is provided in the physical instruction booklet included with your kit.
Generally, you will need:

- **Matt Black:** For the primary stealth coating.
- **Other accent colors:** Such as red, green, silver, white, yellow, brown, and grey for details like cockpit, landing gear, and internal bays.
- **Optional Weathering Washes:** For adding realism and depth to the model.

Always refer to the specific painting guide included with your kit for exact color placement and camouflage patterns.

6. Assembly Instructions

Follow these general steps for assembling your model kit. Refer to the detailed diagrams in the included instruction booklet for specific part numbers and placement.

1. **Preparation:** Carefully remove parts from the sprues using a hobby knife or nippers. Clean any excess plastic (flash) or mold lines with a hobby knife and sanding sticks.
2. **Dry Fit:** Before applying glue, dry fit parts to ensure a proper fit. Trim or sand as necessary.
3. **Gluing:** Apply a small amount of plastic cement to one of the mating surfaces. Press the parts together firmly and hold until the glue sets. Work in small sections.
4. **Sub-Assemblies:** Assemble smaller components (e.g., cockpit, landing gear, weapons bays) first, then integrate them into the main fuselage and wing sections.
5. **Painting During Assembly:** Some parts may be easier to paint before full assembly (e.g., cockpit interior, landing gear). Refer to the painting guide.
6. **Main Assembly:** Join the fuselage halves, attach wings, tail sections, and other major components. Ensure proper alignment.
7. **Detailing:** Attach smaller details such as antennas, lights, and external stores.
8. **Decals:** Once painting is complete and dry, apply decals according to the placement guide. Use decal setting solutions for a seamless finish.

Note: *The kit can be built in either flying mode or with landing gear down and bomb doors open, as mentioned in customer reviews. Plan your build configuration before assembly.*

7. Maintenance

Once assembled and painted, your model requires minimal maintenance to preserve its appearance.

- **Cleaning:** Dust your model regularly with a soft, dry brush or a can of compressed air. Avoid using harsh chemicals or abrasive materials, which can damage paint and decals.
- **Storage:** Store your model in a display case or a location away from direct sunlight, extreme temperatures, and high humidity. These conditions can cause paint to fade, decals to yellow, or plastic to warp.
- **Handling:** Handle the model by its sturdy sections (e.g., fuselage) to avoid breaking delicate parts like antennas or landing gear.

8. Troubleshooting Common Issues

Here are solutions to common problems encountered during model kit assembly:

Problem	Solution
Parts do not fit together properly.	Ensure all sprue gates are cleanly removed and check for any flash or mold lines. Dry fit parts before gluing and gently sand mating surfaces if necessary.
Paint is not adhering or looks uneven.	Ensure the plastic surface is clean and free of oils or dust. Apply paint in thin, even coats. Consider using a primer before painting. Allow each coat to dry thoroughly.
Decals silvering (white film under decal).	Apply decals over a gloss surface. Use a decal setting solution to help the decal conform to surface details and eliminate air bubbles. Apply a clear coat after decals have dried.
Small parts break easily.	Handle delicate parts with tweezers. Reinforce fragile joints with a small amount of super glue if plastic cement is insufficient.

9. Product Specifications



Image: Italeri F-117A Nighthawk model kit box with dimensions. This image shows the model kit box being held, with an overlay indicating its approximate dimensions (8.0 inches or 20 cm in height).

Feature	Detail
Brand	Italeri
Model Name	1/72 F-117 Stealth
Item Model Number	510000189
Scale	1:72
Material	Plastic
Recommended Age	10 years and up
Number of Pieces	1 (referring to the kit as a single item, not individual parts)
Product Dimensions (Packaging)	28.5 x 0.1 x 0.1 inches
Item Weight (Kit)	0.007 ounces
Included Components	MODEL KIT (plastic parts, decals, instructions)

10. Warranty and Customer Support

Specific warranty information for this model kit is not provided in the product details. For any inquiries regarding missing parts, manufacturing defects, or general support, please contact Italeri directly through their official website or customer service channels.
Italeri is committed to providing quality products. If you encounter any issues that cannot be resolved using this manual, their support team will be able to assist you further.
For more information, visit the official Italeri website:www.italeri.com

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