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Italeri 1290

Italeri S.79 Sparviero Model Kit (Model 1290) Instruction Manual

Detailed assembly and painting guide for your 1/72 scale model kit.



Image: An illustration of the finished Italeri S.79 Sparviero model, depicting the aircraft in a combat scenario over water.

Introduction

This manual provides comprehensive instructions for assembling and finishing your Italeri S.79 Sparviero 1/72 scale model kit. The Savoia-Marchetti S.79 Sparviero was a three-engined Italian aircraft, initially developed in the mid-1930s for fast postal services to African colonies. During World War II, it gained prominence as a torpedo bomber in the Mediterranean, achieving notable successes against Allied shipping. This kit allows you to recreate this historic aircraft with accuracy and detail.

Please read all instructions carefully before beginning assembly. Familiarize yourself with the parts and tools required.

Kit Contents

Your Italeri S.79 Sparviero model kit includes the following components:

- Plastic sprues containing aircraft parts (fuselage, wings, engines, cockpit components, landing gear, torpedo, machine guns).
- Clear plastic sprue for canopy and windows.
- Comprehensive decal sheet for various historical versions.
- Detailed painting guide.



Image: Sprue A, showing the main fuselage halves, engine nacelles, propellers, and torpedo components.

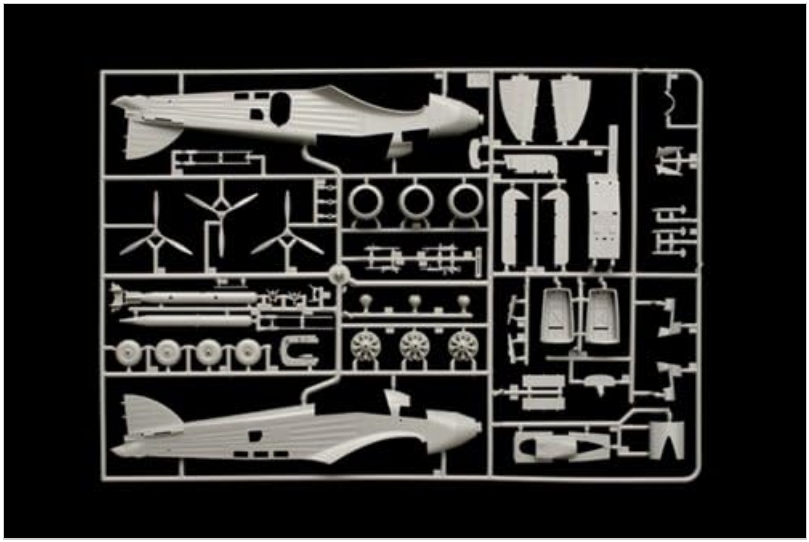


Image: Sprue B, displaying the wing sections, cockpit floor, and various landing gear bay details.

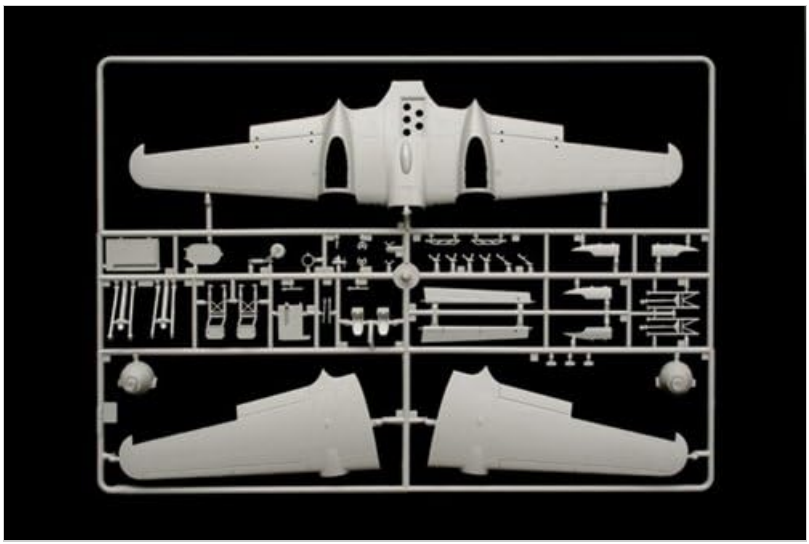


Image: Clear parts sprue, including the canopy and other transparent window components.

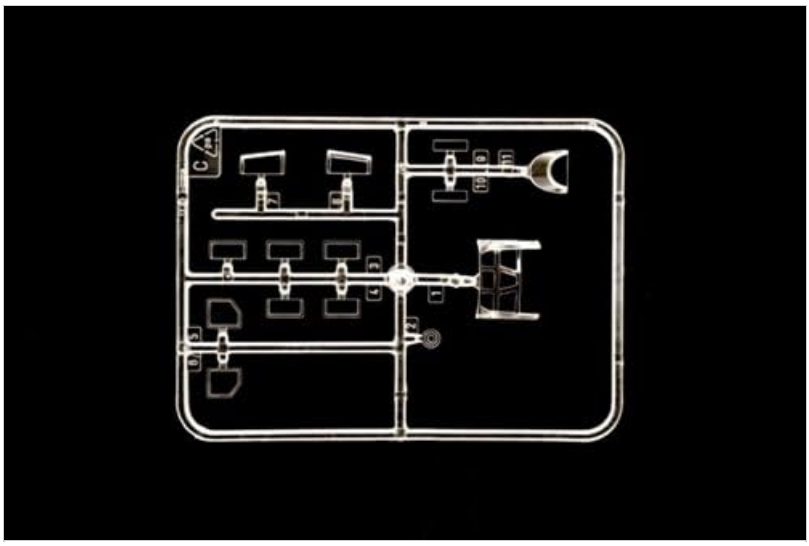


Image: Decal sheet, providing various markings and insignia for different historical versions of the S.79 Sparviero.

Setup and Preparation

Recommended Tools

Before starting assembly, gather the following tools for an optimal building experience:

- Plastic cement (e.g., Italeri Plastic Cement with Brush)
- Hobby knife or sprue cutters
- Tweezers (precision type recommended)
- Sanding sticks or fine-grit sandpaper
- Masking tape (various widths, e.g., Italeri Masking Film Roll)
- Cutting mat (e.g., Italeri Cutting Mat)
- Small hand drill with various bits

1:72 S. 79 Sparviero

Art.-Nr. 510001290

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Empfohlenes Werkzeug / Recommended Tools

Werkzeuge / Tools:



Art. Nr.	Bezeichnung
510003990	ITALERI Plastikklebstoff m. Pinsel 15ml
510005049	ITALERI Acryl-Verdünner 60 ml
510050814	ITALERI Präzisions Pinzette, gerade (1)
510050815	ITALERI Werkzeug-Set Plastik-Modellbau
510050822	ITALERI Profi-Bastelmesser mit Klingen (6)
510050825	ITALERI Ersatzklingen spitz (5) #50822
510050826	ITALERI Maskierfilm-Rolle 3mm x 18m (2)
510050827	ITALERI Maskierfilm-Rolle 6mm x 18m (2)
510050829	ITALERI Schneidunterlage Mat A 230x160mm
510050831	ITALERI Handbohrer mit 5 Bohrer

Klebstoffe / Cement:



Seite 2

Image: Recommended tools for model assembly, including sprue cutters, precision tweezers, a hobby knife, and plastic cement.

Workspace Preparation

Ensure you have a clean, well-lit, and ventilated workspace. Protect your work surface with a cutting mat. Keep all small parts organized to prevent loss.

Assembly Instructions

Follow the numbered steps in the included instruction booklet for detailed assembly. The general sequence is as follows:

1. **Cockpit Assembly:** Assemble the two-seat cockpit components. Paint interior details before joining fuselage halves.
2. **Fuselage Assembly:** Join the fuselage halves, ensuring proper alignment. Secure with plastic cement. Allow adequate drying time.
3. **Wing Assembly:** Assemble the wing sections. Attach them to the fuselage. Ensure correct dihedral.
4. **Engine Nacelles:** Assemble the three engine nacelles and attach them to the wings. Install propellers after painting.
5. **Landing Gear:** Assemble and attach the landing gear. You may choose to build the model with landing gear extended or retracted (in-flight configuration).
6. **Clear Parts:** Carefully attach the clear canopy and windows using a clear-parts-safe adhesive (e.g., white glue) to avoid fogging. Mask clear parts before painting.

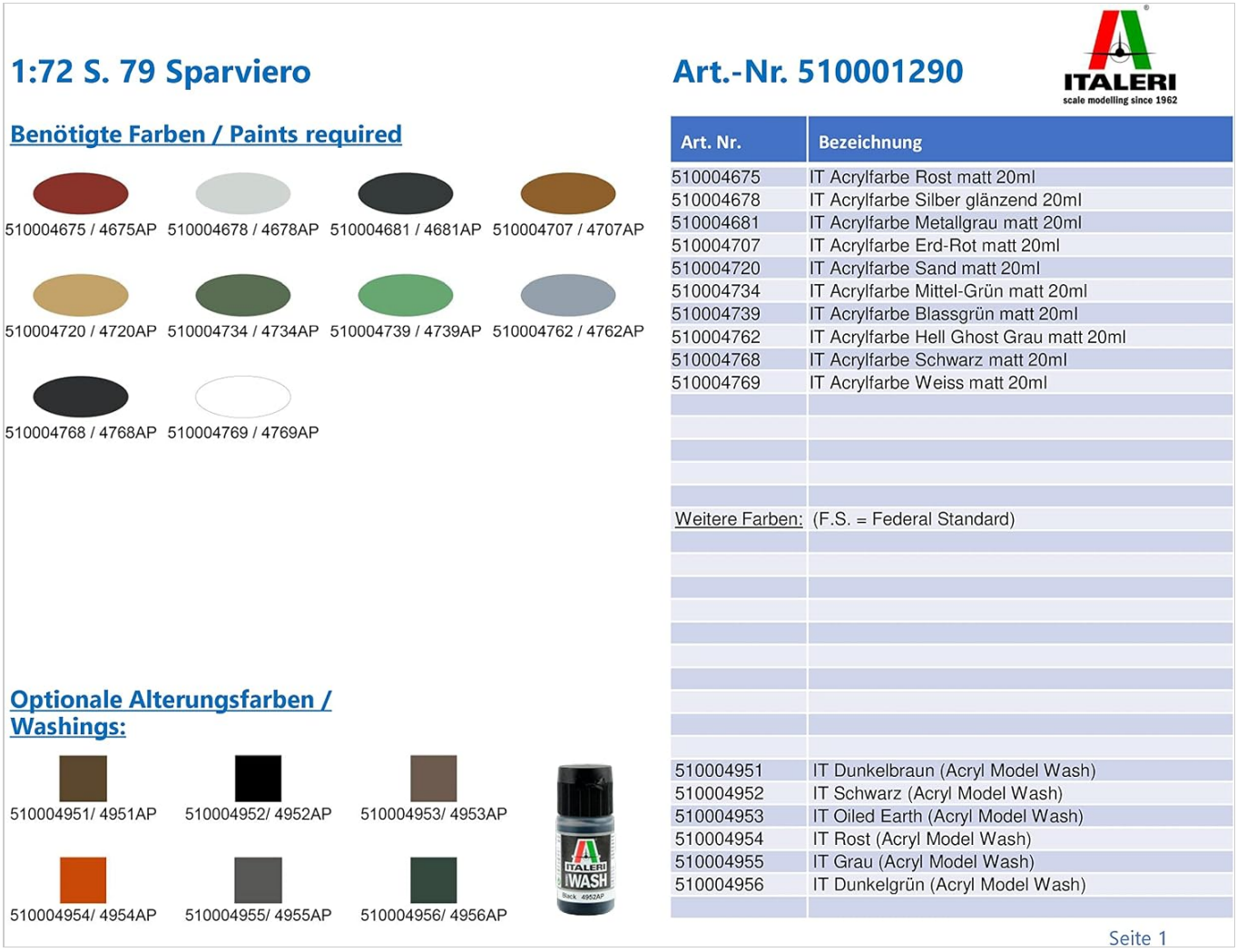
7. **Armament and Details:** Attach machine guns, torpedo, and any other external details.

Painting Guide

The kit includes a detailed painting guide for five historical versions:

- Rhodes 1941
- Libya 1942
- Pantelleria 1941
- Cagliari Elmas 1942
- 279th Squadron 1942

Refer to the guide for specific color schemes and decal placement. Recommended paint types are acrylics.



1:72 S. 79 Sparviero

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Benötigte Farben / Paints required

510004675 / 4675AP 510004678 / 4678AP 510004681 / 4681AP 510004707 / 4707AP

510004720 / 4720AP 510004734 / 4734AP 510004739 / 4739AP 510004762 / 4762AP

510004768 / 4768AP 510004769 / 4769AP

Art. Nr.	Bezeichnung
510004675	IT Acrylfarbe Rost matt 20ml
510004678	IT Acrylfarbe Silber glänzend 20ml
510004681	IT Acrylfarbe Metallgrau matt 20ml
510004707	IT Acrylfarbe Erd-Rot matt 20ml
510004720	IT Acrylfarbe Sand matt 20ml
510004734	IT Acrylfarbe Mittel-Grün matt 20ml
510004739	IT Acrylfarbe Blassgrün matt 20ml
510004762	IT Acrylfarbe Hell Ghost Grau matt 20ml
510004768	IT Acrylfarbe Schwarz matt 20ml
510004769	IT Acrylfarbe Weiss matt 20ml

Weitere Farben: (F.S. = Federal Standard)

Optionale Alterungsfarben / Washings:

510004951/ 4951AP 510004952/ 4952AP 510004953/ 4953AP

510004954/ 4954AP 510004955/ 4955AP 510004956/ 4956AP

510004951	IT Dunkelbraun (Acryl Model Wash)
510004952	IT Schwarz (Acryl Model Wash)
510004953	IT Oiled Earth (Acryl Model Wash)
510004954	IT Rost (Acryl Model Wash)
510004955	IT Grau (Acryl Model Wash)
510004956	IT Dunkelgrün (Acryl Model Wash)

Seite 1

Image: Detailed painting guide, listing required paint colors and optional weathering washes for various camouflage schemes.

Decal Application

1. Ensure the painted surface is smooth and glossy. A clear gloss coat can be applied if needed.
2. Cut out each decal carefully, as close to the edge of the design as possible.
3. Dip the decal in lukewarm water for 10-20 seconds until it slides freely on its backing paper.
4. Slide the decal onto the model surface using tweezers. Position it accurately.
5. Gently blot excess water with a soft cloth or cotton swab.
6. Apply a decal setting solution to help the decal conform to surface details.

7. Once dry, a clear matte or satin coat can be applied to seal the decals and unify the finish.

Maintenance and Care

To preserve the appearance of your finished model:

- **Cleaning:** Dust your model regularly with a soft, dry brush or a can of compressed air. Avoid using harsh chemicals or wet cloths, which can damage paint and decals.
- **Display:** Display your model in a cool, dry place away from direct sunlight, which can cause fading and plastic degradation.
- **Handling:** Handle the model by its sturdy parts (e.g., fuselage) to avoid breaking delicate components like antennas or landing gear.

Troubleshooting Common Issues

- **Parts not fitting:**

  Solution: Carefully trim excess plastic (flash) from parts using a hobby knife. Dry-fit parts before applying cement. If parts are warped, gently heat them with warm water and reshape, then cool quickly.

- **Decals silvering (air trapped under decal):**

  Solution: Ensure the surface is glossy before applying decals. Use a decal setting solution to help decals conform. Prick small bubbles with a sharp needle and apply more setting solution.

- **Paint not adhering or rough finish:**

  Solution: Ensure parts are clean and free of mold release agents (wash with mild soap and water). Apply paint in thin coats. Ensure proper ventilation and temperature for drying. Use appropriate primer if necessary.

- **Small parts lost:**

  Solution: Work over a tray or mat to catch dropped parts. If a part is lost, check the kit's sprue for potential spares or consider scratch-building a replacement if feasible.

Specifications

Feature	Detail
Brand	Italeri
Model Name	S.79 Sparviero
Item Model Number	1290
Scale	1/72
Material	Plastic
Number of Pieces	1 (kit)
Recommended Age	14 years and up
Product Dimensions (Box)	8.1 x 11.5 x 2.1 inches
Item Weight (Box)	9.9 ounces (0.28 Kilograms)

Key Features	Highly detailed two-seat cockpit, three engine detail, comprehensive decal sheet, alternative open/closed hatches.

Warranty and Support

Italeri model kits are manufactured to high standards. If you encounter any issues with missing or defective parts, please contact your retailer or Italeri customer support directly. Keep your proof of purchase.
For further assistance, please refer to the official Italeri website or contact their customer service department.

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Email

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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.

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