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Italeri ITA2817

Italeri Mig-23 Flogger D 1:48 Model Kit Instruction Manual

Model: ITA2817

Introduction Safety Information Parts List Assembly Painting & Decals Specifications Support

1. Introduction

This instruction manual provides detailed guidance for assembling the Italeri Mig-23 Flogger D 1:48 scale model kit (Model ITA2817). Please read all instructions carefully before beginning assembly. This kit is designed for adult modelers and requires precision, patience, and basic modeling tools and supplies (not included).



Figure 1.1: The Italeri Mig-23 Flogger D 1:48 model kit box art, depicting the aircraft in flight over a landscape.

2. Safety Information

Warning: This product contains small parts and is not suitable for children under 14 years of age. Adult supervision is recommended. Always use modeling tools (e.g., hobby knives, glues, paints) in a well-ventilated area. Avoid inhaling fumes. Keep all materials out of reach of small children and pets. Dispose of waste materials responsibly.

- Use appropriate safety gear, such as eye protection, when cutting or sanding parts.
- Ensure proper ventilation when using paints and adhesives.
- Read and follow the safety instructions provided with any glues, paints, or thinners used.

3. Parts List

Before starting assembly, carefully check all sprues against the parts diagram to ensure all components are present and undamaged. The kit includes several sprues of plastic parts and a clear sprue for canopy and lights.

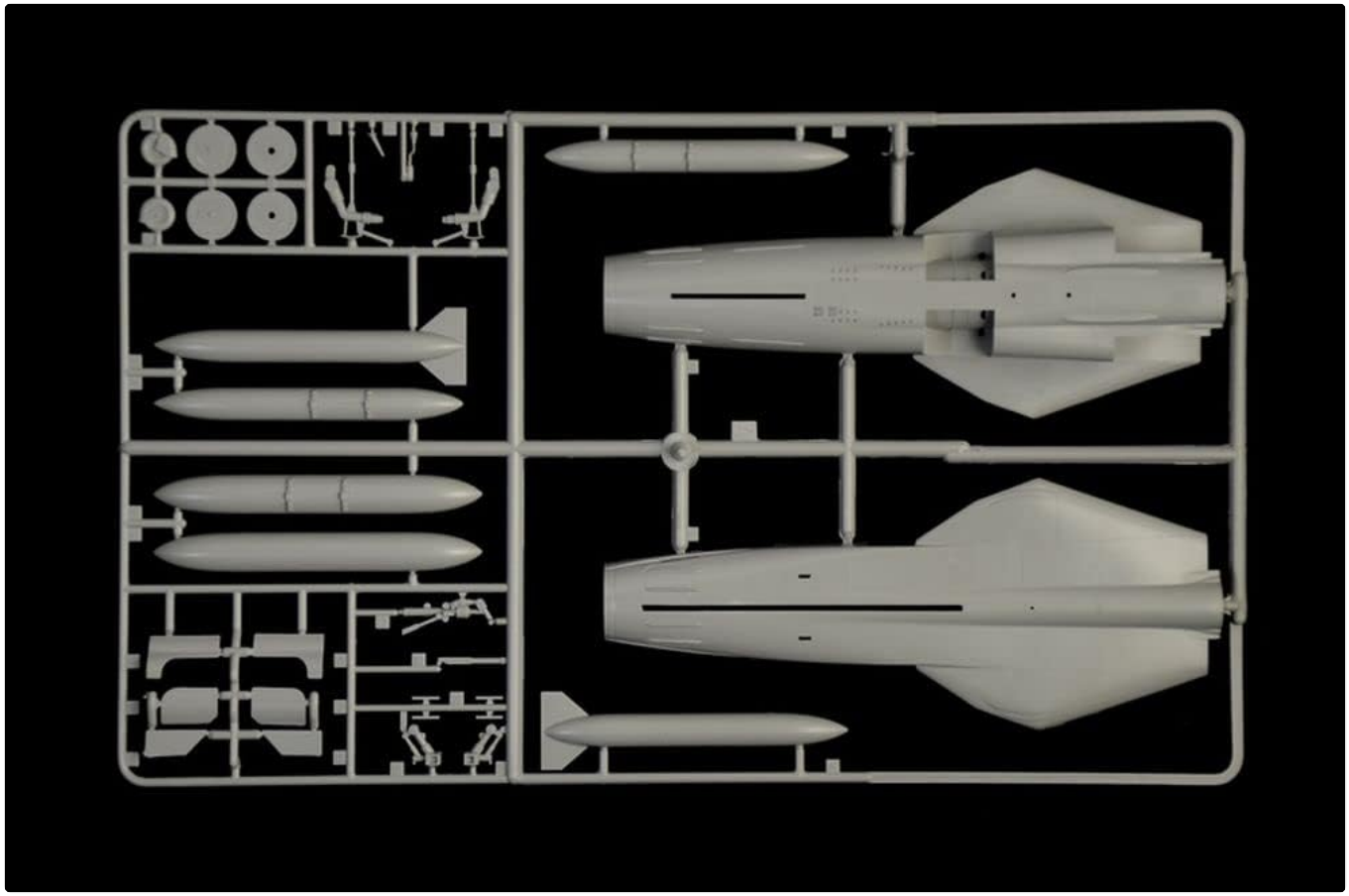

Figure 3.1: Sprue containing main fuselage halves, external fuel tanks, and various weapon pylons.

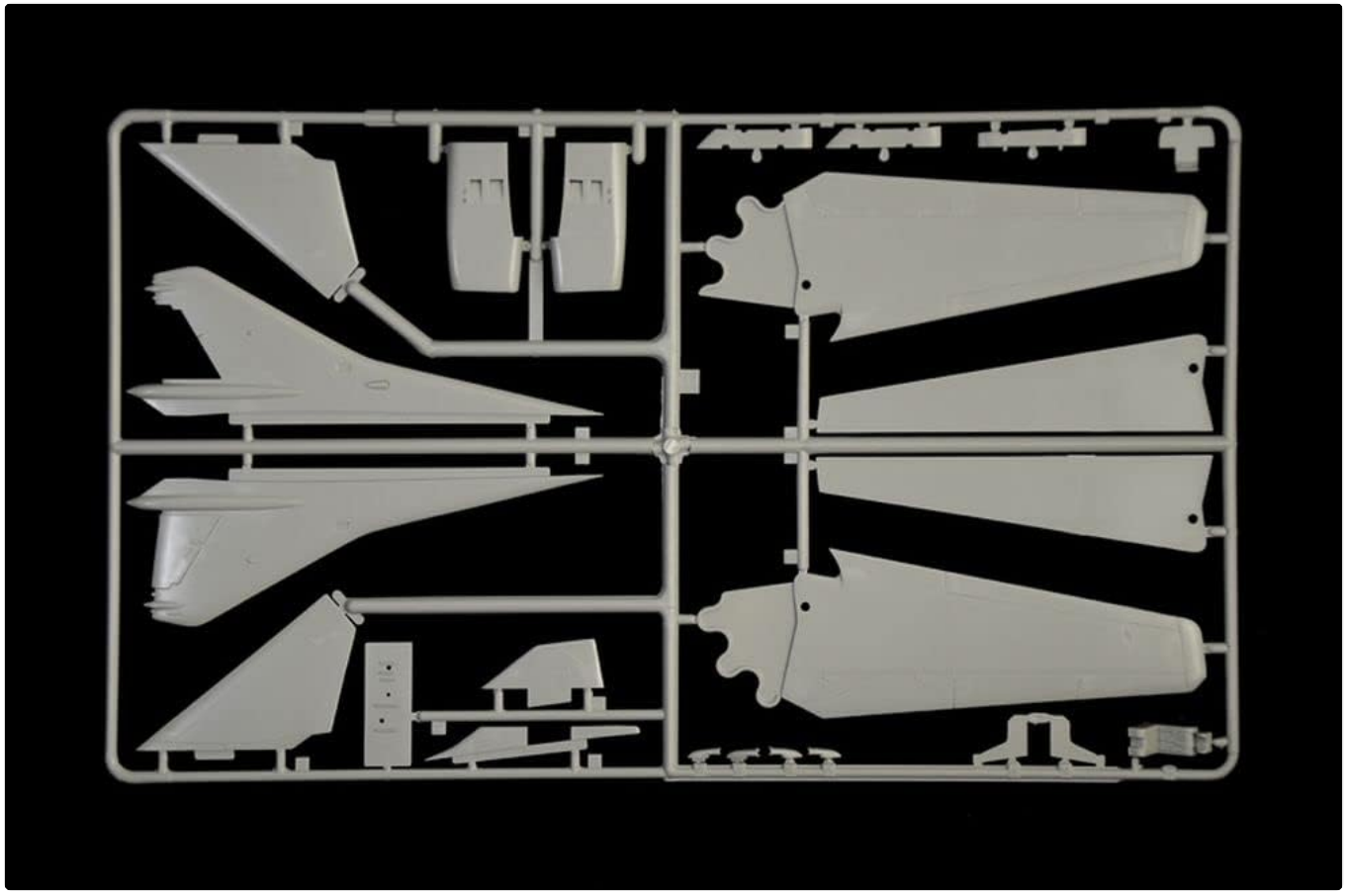

Figure 3.2: Sprue containing the main wings, horizontal stabilizers, and vertical stabilizer components.

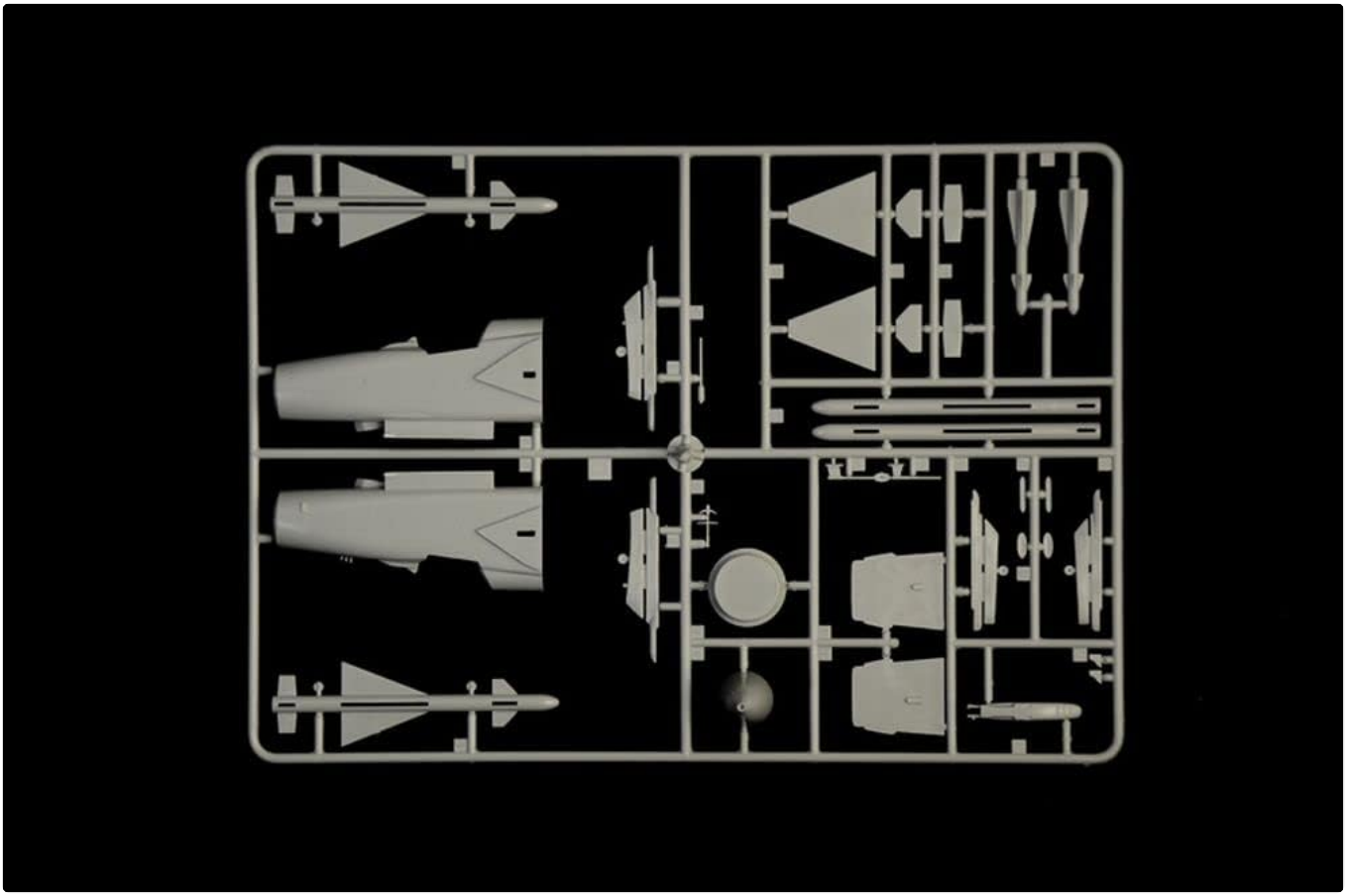

Figure 3.3: Sprue containing cockpit interior parts, landing gear components, and various air-to-air missiles.

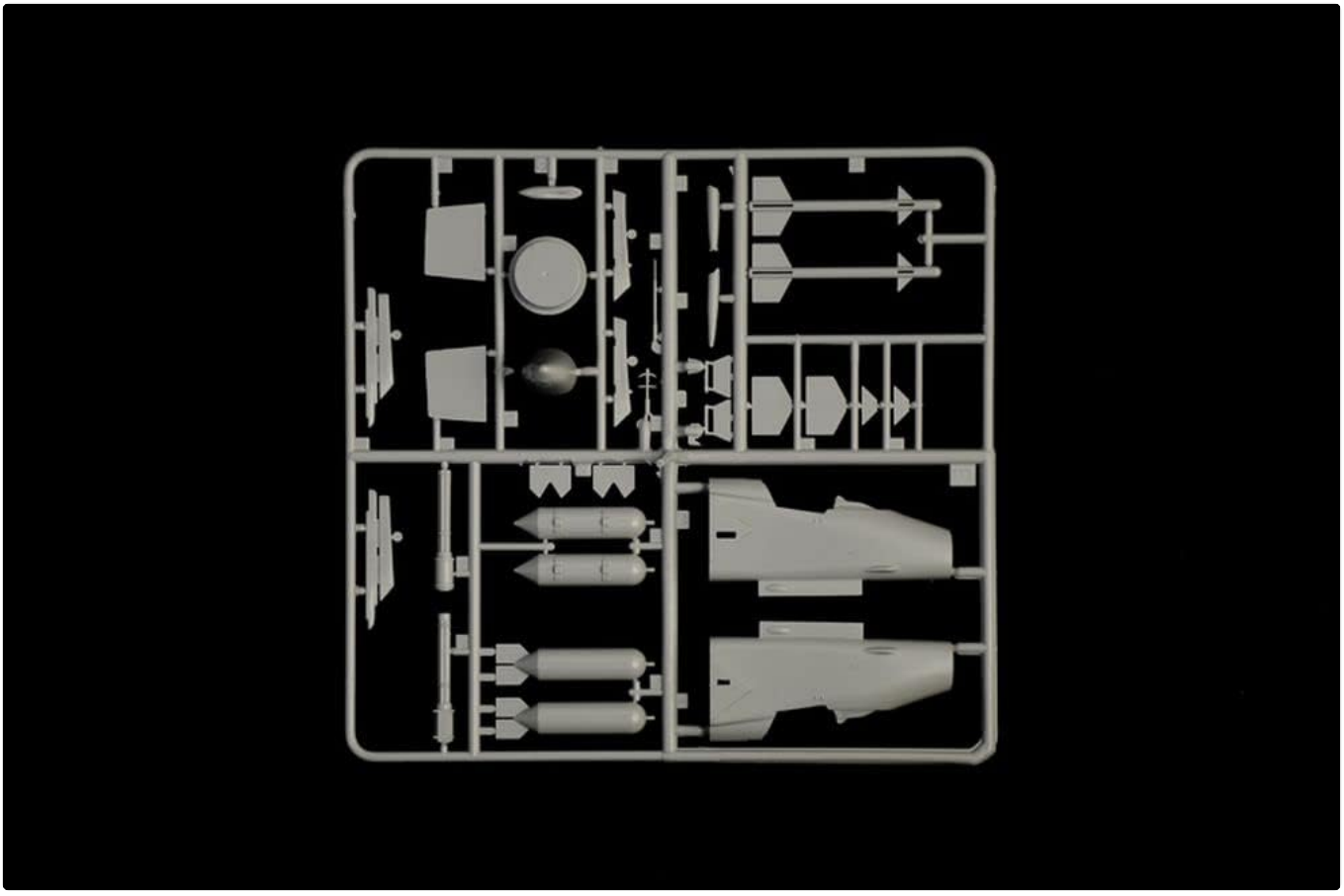

Figure 3.4: Sprue containing additional fuselage sections, bombs, and other external stores.



Figure 3.5: Clear parts sprue, including the cockpit canopy and various transparent light covers.

Note: The kit includes one complete model kit. Tools, glue, and paints are sold separately.

4. Assembly Instructions

Follow the numbered steps in the included diagrammatic instructions for precise assembly. The general sequence involves:

1. **Preparation:** Carefully remove parts from the sprues using a hobby knife or sprue cutters. Clean any flash or mold lines with a sanding stick or fine-grit sandpaper.
2. **Cockpit Assembly:** Assemble the cockpit tub, instrument panel, and pilot's seat. Paint these components according to the suggested color scheme before gluing them into the fuselage.
3. **Fuselage Assembly:** Join the fuselage halves, ensuring proper alignment. Secure with plastic cement. Allow sufficient drying time.
4. **Wing Assembly:** Assemble the wings, including any internal structures or landing gear bays. Attach the wings to the fuselage. The Mig-23 features variable-sweep wings; ensure the mechanism (if present in the kit) is assembled correctly.
5. **Tail Section:** Assemble and attach the horizontal and vertical stabilizers.
6. **Landing Gear:** Assemble and attach the landing gear components. Decide whether to build the model with landing gear extended (in-flight) or retracted (on the ground) and follow the corresponding instructions.
7. **External Stores:** Assemble and attach external fuel tanks, bombs, and missiles to the designated pylons.
8. **Canopy:** Attach the clear canopy part. Mask the canopy before painting to protect the clear sections.

Tip: Dry-fit parts before applying glue to ensure a good fit. Use small amounts of glue to avoid damaging the plastic or

obscuring details.

5. Painting and Decal Application

The kit offers several marking options. Refer to the provided color diagrams and decal sheet for specific paint schemes and decal placement.

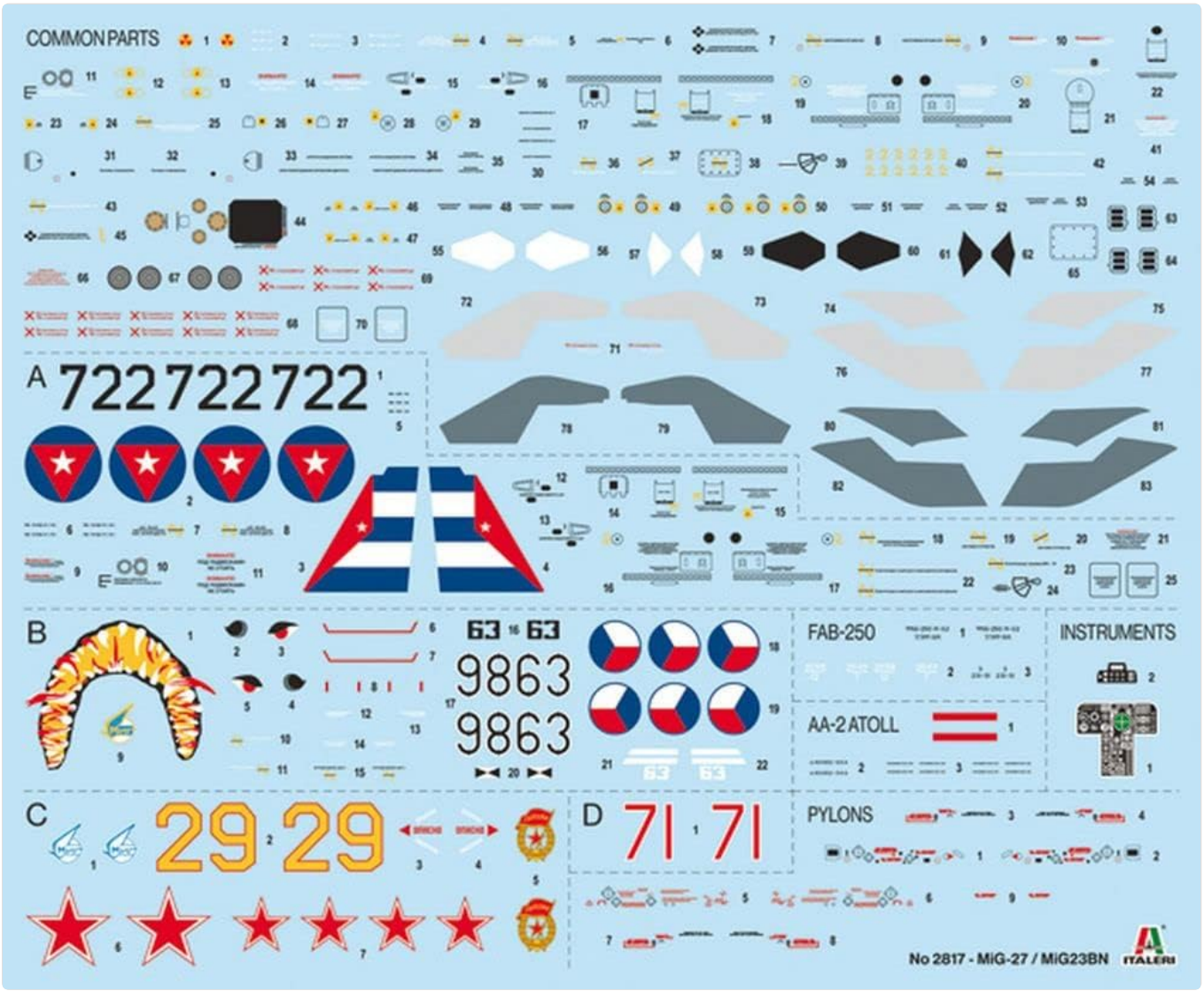

Figure 5.1: Comprehensive decal sheet including national insignia, serial numbers, and stencils for various versions.

5.1. Version A: Mig-23BN "Flogger-H" - Cuban Air Force, 1991

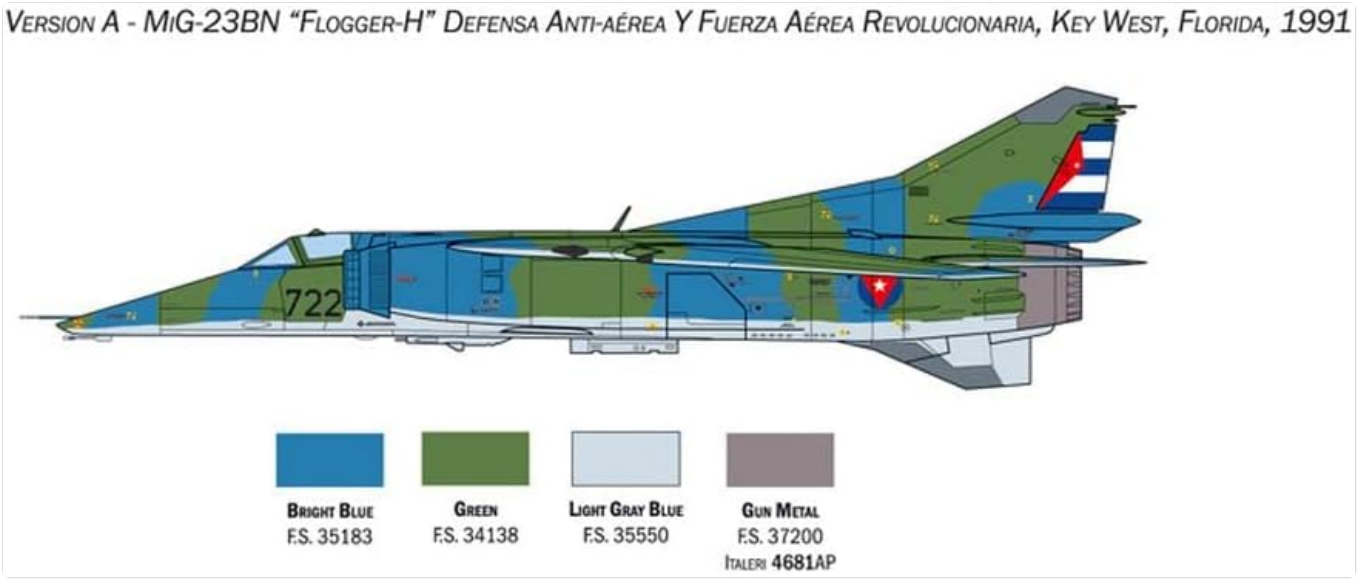

Figure 5.2: Paint scheme for Version A, featuring Bright Blue (FS 35183), Green (FS 34138), Light Gray Blue (FS 35550), and Gun Metal (FS 37200).

5.2. Version B: Mig-23BN "Flogger-H" - Czech and Slovak Federative Republic, 1991

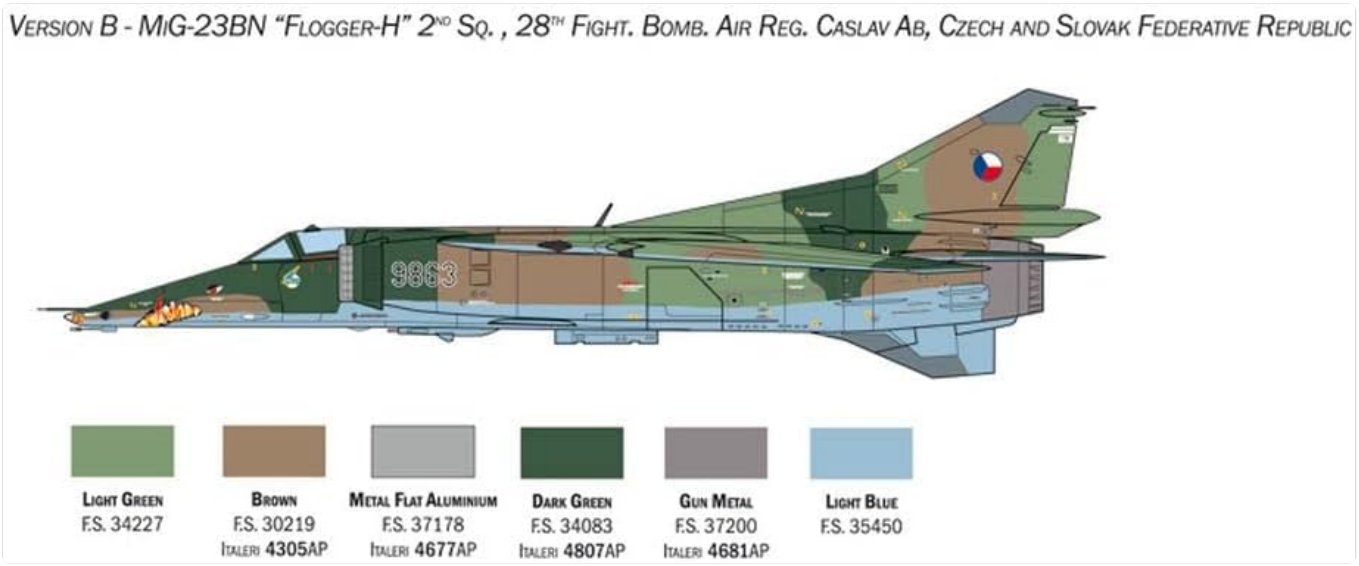

Figure 5.3: Paint scheme for Version B, featuring Light Green (FS 34227), Brown (FS 30219), Metal Flat Aluminium (FS 37178), Dark Green (FS 34083), Gun Metal (FS 37200), and Light Blue (FS 35450).

5.3. Version C: Mig-27 - Soviet Air Force, East Germany, 1979



Figure 5.4: Paint scheme for Version C, featuring Light Green (FS 34227), Dark Green (FS 34083), Gun Metal (FS 37200), Brown (FS 30219), Light Blue (FS 35450), Light Gray (FS 36495), and Metal Flat Aluminium (FS 37178).

5.4. Version D: Mig-27 "71 RED" - Soviet Air Force, 1980

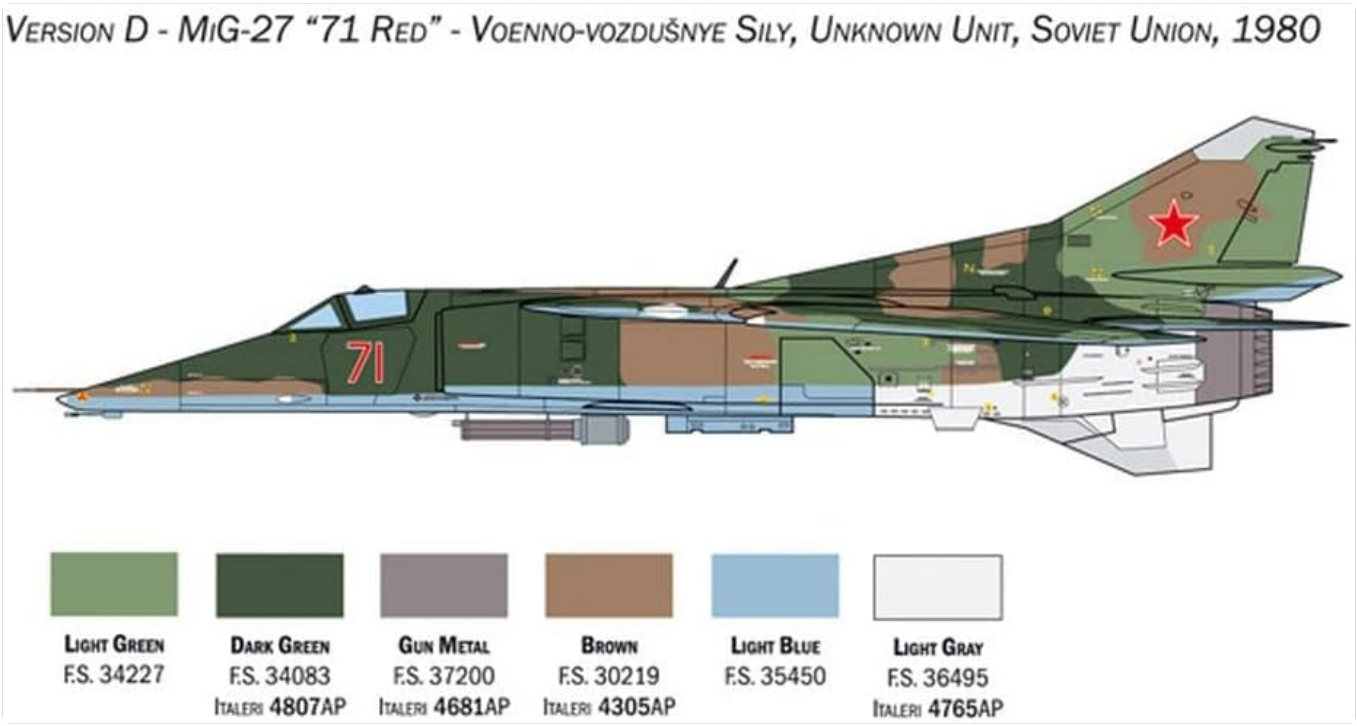

Figure 5.5: Paint scheme for Version D, featuring Light Green (FS 34227), Dark Green (FS 34083), Gun Metal (FS 37200), Brown (FS 30219), Light Blue (FS 35450), and Light Gray (FS 36495).

Painting Tips:

- Clean parts thoroughly before painting to remove any mold release agents or oils.
- Apply paint in thin, even coats to preserve surface detail.
- Allow each coat of paint to dry completely before applying the next.
- Use masking tape to create sharp lines between different color areas.

Decal Application:

1. Apply a gloss clear coat to the painted surface where decals will be placed. This helps prevent 'silvering'.
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 a soft brush or tweezers. Position it accurately.
5. Gently blot away excess water with a soft cloth or cotton swab.
6. Use decal setting solutions to help the decal conform to surface details and eliminate air bubbles.
7. Once decals are dry, apply a final clear coat (gloss, satin, or matte, depending on desired finish) to seal them in and protect the paintwork.

6. Specifications

Feature	Detail
Brand	Italeri
Model Name	Mig-23 Flogger D
Model Number	ITA2817
Scale	1:48
Product Type	Plastic Model Kit (Aircraft)
Material	Plastic
Color	Unpainted
Included Components	One kit (plastic sprues, decals)
Recommended Age	Adult
Special Features	Detailed design, variability in geometry, high-quality materials, customizable painting, precision assembly

7. Warranty and Support

Italeri products are manufactured to high standards. If you encounter any missing or defective parts, please contact your retailer or Italeri customer service directly. Please retain your proof of purchase. For further assistance or inquiries, refer to the official Italeri website or contact their customer support channels.

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