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### TAMIYA TM61100

# Tamiya Fieseler Fi 156C Storch Model Kit Instruction Manual

Brand: TAMIYA | Model: TM61100

## PRODUCT OVERVIEW

This manual provides detailed instructions for assembling the Tamiya Fieseler Fi 156C Storch Model Kit. The Fieseler Fi 156C Storch was a Luftwaffe liaison aircraft renowned for its STOL (Short Take-Off and Landing) capabilities. This 1/48 scale model kit offers a highly detailed replica, including intricate interior and exterior components.



Figure 1: Fully assembled Tamiya Fieseler Fi 156C Storch model kit, showcasing its distinctive high-wing design and camouflage paint scheme.

The kit includes metal wing and landing gear struts, photo-etched parts for cockpit panels, cockpit frame, and front seat, along with clear canopy sides molded together with the fuselage halves. It also provides parts to replicate various versions of the Fi 156C, such as an auxiliary fuel tank, skis for landing gear, and three different types of canopies.

## KIT CONTENTS

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

- Plastic sprues with aircraft parts
- Clear plastic parts for canopy and windows
- Photo-etched parts (e.g., cockpit details)
- Metal parts (e.g., wing and landing gear struts)

- Decal sheet for various markings
- Instruction manual
- Figures (e.g., General Rommel and other crew figures)
- Optional parts (fuel tank, skis, different canopies)



Figure 2: Overview of the kit contents, showing the box art, instruction manual, and plastic sprues with model parts.

## SETUP AND ASSEMBLY

Careful preparation and adherence to the instructions are crucial for a successful build. Follow the steps outlined in the kit's instruction booklet for precise assembly.

### Required Tools and Materials

The following tools and materials are recommended for assembly and finishing:

## Empfohlenes Werkzeug / Recommended Tools

### Werkzeuge / Tools



Art. Nr.	Bezeichnung
300074003	Pinzette abgewinkelt
300074013	Cutter-Messer
300074031	Decal-Schere
300074035	Seitenschneider Spitz für Kunststoff
300087066	Pinset-Set "Basic"
300087031	Masking Tape 10mm mit Abroller
300087003	Plastikleber 40ml Tamiya
300087038	Plastikleber 40ml extradünn Tamiya
300087135	Mark Fit (Strong) Dekorweichmacher 40ml
300087193	Decal Adhesive Soft / Haftmittel 10ml

### Klebstoffe / Cement:



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Figure 3: Essential tools for model building, including tweezers, cutter knife, decal scissors, side cutters, paint brushes, masking tape, and various types of plastic cement.

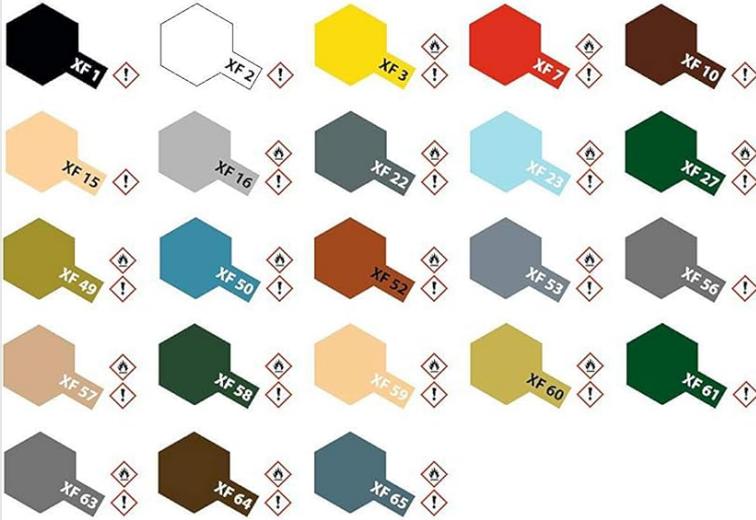
- **Basic Tools:** Hobby knife, plastic nippers/side cutters, tweezers, sanding sticks/files.
- **Adhesives:** Plastic cement (liquid and/or tube type), super glue for photo-etched parts.
- **Painting Supplies:** Paints (acrylic or enamel), paint brushes, airbrush (optional), masking tape.
- **Decal Supplies:** Decal setting solution, decal softener.

## Painting Guidelines

Refer to the provided color charts for recommended Tamiya paint colors. Proper painting enhances the realism of your model.

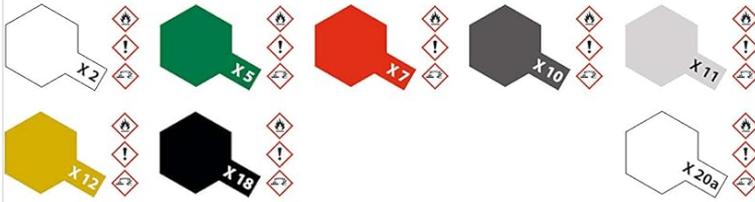
Benötigte Farben / Paints required

XF-Acryl Farben matt / XF-Acrylic  
Paints flat



Art. Nr.	Bezeichnung
300081301	XF-1 Schwarz matt 23ml
300081302	XF-2 Weiss matt 23ml
300081303	XF-3 Gelb matt 23ml
300081307	XF-7 Rot matt 23ml
300081310	XF-10 Braun matt 23ml
300081315	XF-15 Fleischfarben matt 23ml
300081316	XF-16 Aluminium matt 23ml
300081322	XF-22 Royal-Marine Grau matt 23ml
300081323	XF-23 Hellblau matt 23ml
300081327	XF-27 Schwarz-Grün matt 23ml
300081349	XF-49 Khaki matt 23ml
300081350	XF-50 Feldblau matt 23ml
300081352	XF-52 Erde matt 23ml
300081353	XF-53 Neutral Grau matt 23ml
300081356	XF-56 Metallic Grau matt 23ml
300081357	XF-57 Buff (Gelb-Braun) matt 23ml
300081358	XF-58 Olivgrün matt 23ml
300081359	XF-59 Wüstengelb matt 23ml
300081360	XF-60 Dunkelgelb matt 23ml
300081361	XF-61 Dunkelgrün matt 23ml
300081363	XF-63 German-Grau matt 23ml
300081364	XF-64 Rot-Braun matt 23ml
300081365	XF-65 Feld-Grau matt 23ml

Figure 4: Chart displaying Tamiya XF-Acryl (flat) paint colors recommended for the Fieseler Fi 156C Storch model, along with their corresponding art numbers.

Benötigte Farben / Paints required**X-Acryl Farben glänzend / X-Acryl paints gloss, 23ml**

Art. Nr.	Bezeichnung
300081002	X -2 WEIß glänzend 23 ml
300081005	X-5 GRÜN glänzend 23 ml
300081007	X-7 ROT glänzend 23 ml
300081010	X-10 GUN METALL glänzend 23 ml
300081011	X-11 CHROM SILBER glänzend 23 ml
300081012	X-12 Blatt-Gold glänzend 23 ml
300081018	X-18 Schwarz seidenmatt 23ml
300081020	X-20A Verdünner 23ml Acryl
300086526	AS-26 Schattengrau hell matt 100ml

**AS-Sprühfarben für Flugzeugmodelle,****AS-Paint-Spray for Aircraft Models, 100ml**

Figure 5: Chart displaying Tamiya X-Acryl (gloss) paint colors and AS-Paint-Spray options suitable for aircraft models, with their respective art numbers.

- **Preparation:** Clean parts thoroughly before painting to remove mold release agents.
- **Priming:** Apply a thin coat of primer for better paint adhesion and a uniform finish.
- **Base Coats:** Apply thin, even coats of paint. Multiple thin coats are better than one thick coat.
- **Detail Painting:** Use fine brushes for intricate details like the cockpit interior and engine components.
- **Weathering (Optional):** Techniques like washes, dry-brushing, and pastels can add realism.

**Assembly Steps**

1. **Part Preparation:** Carefully remove parts from sprues using nippers. Clean any flash or mold lines with a hobby knife or sanding stick.
2. **Cockpit Assembly:** Assemble the detailed cockpit interior first. This includes the instrument panel, seats, and control sticks. Apply photo-etched parts as indicated.

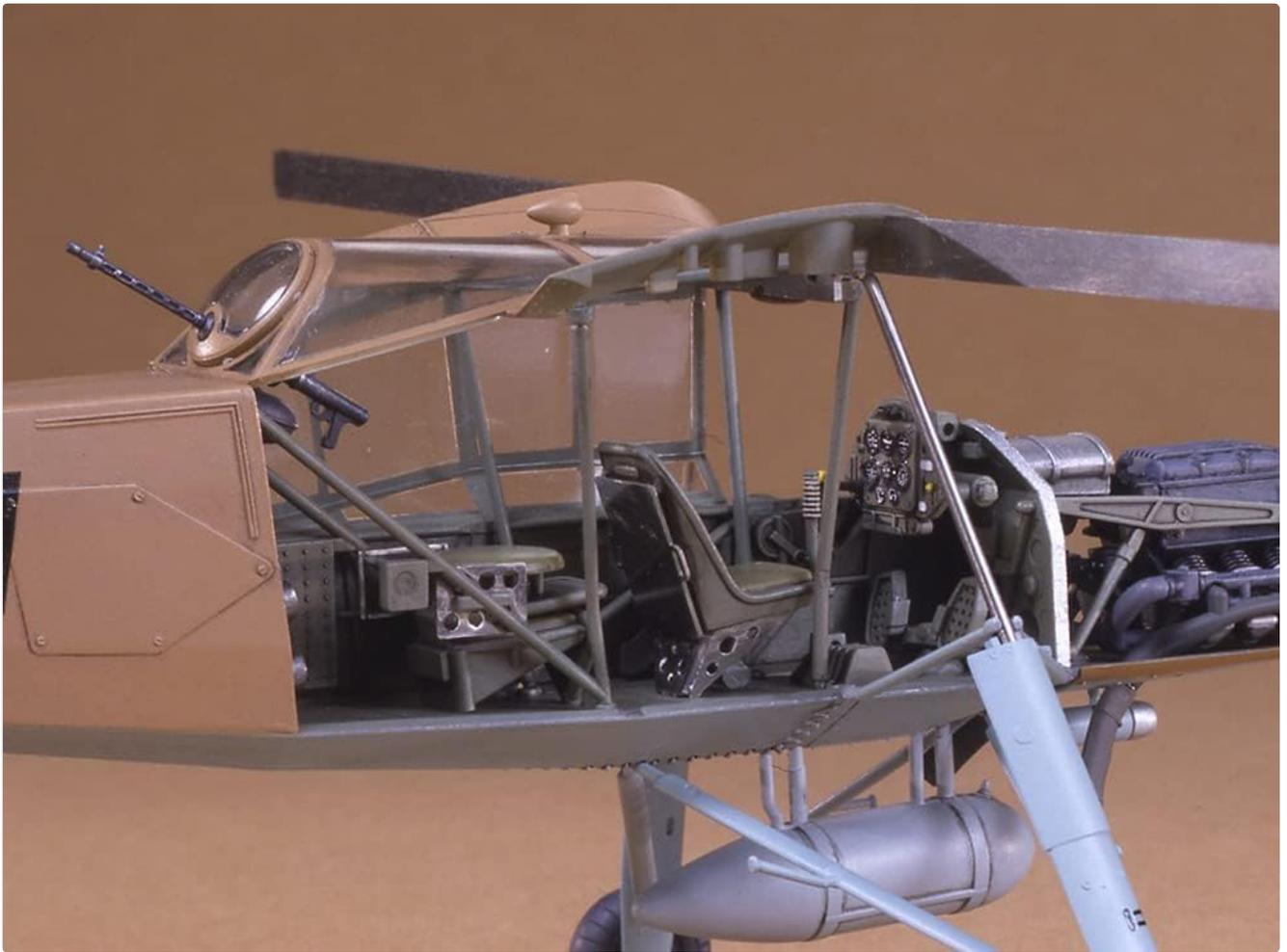


Figure 6: Close-up view of the highly detailed cockpit interior, showing seats, instrument panel, and structural elements.

3. **Fuselage Assembly:** Join the fuselage halves, ensuring proper alignment. Integrate the cockpit assembly within the fuselage.
4. **Engine Assembly:** Assemble the engine components and attach them to the fuselage.



Figure 7: Close-up view of the model's engine, highlighting the intricate details of the engine block and propeller assembly.

5. **Wing Assembly:** Attach the wings to the fuselage, utilizing the metal wing struts for structural integrity.
6. **Landing Gear:** Assemble and attach the landing gear. Choose between standard wheels or optional skis as desired.



Figure 8: Assembled Fieseler Fi 156C Storch model featuring the optional ski landing gear, suitable for snow-covered terrain dioramas.

- 7. Canopy and Clear Parts:** Carefully attach the clear canopy parts. Use masking tape to protect clear areas during painting.
- 8. Decals:** Apply decals according to the marking guide. Use decal setting solution to help them conform to the surface.
- 9. Final Details:** Attach any remaining small parts, antennas, or figures.

## OPERATING (DISPLAY AND HANDLING)

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Once assembled, your Tamiya Fieseler Fi 156C Storch model is ready for display. Handle the model with care to prevent damage to delicate parts.

- Display Location:** Choose a stable, dust-free location away from direct sunlight and extreme temperatures to prevent fading or warping.
- Handling:** Always pick up the model by its main body or sturdy sections, avoiding delicate parts like antennas, propellers, or landing gear.

## MAINTENANCE

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Regular, gentle maintenance will help preserve the appearance of your model.

- Dusting:** Use a soft, dry brush or a can of compressed air (held at a distance) to gently remove dust. Avoid wiping with cloths that might scratch the paint or dislodge small parts.
- Cleaning:** For stubborn marks, a slightly damp cloth with plain water can be used, but test on an inconspicuous area first. Avoid harsh chemicals or solvents.
- Storage:** If storing the model, place it in a protective box or display case to prevent dust accumulation and accidental damage.

## TROUBLESHOOTING

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Encountering issues during assembly is common. Here are some tips for common problems:

Problem	Solution
Parts do not fit together properly.	Check for excess plastic (flash) on the edges of parts and carefully trim with a hobby knife. Dry-fit parts before applying cement. Ensure parts are oriented correctly.
Decals do not adhere or wrinkle.	Ensure the surface is clean and glossy. Use decal setting solution to help decals conform to irregular surfaces and remove air bubbles. Apply decal softener for complex curves.
Paint finish is uneven or rough.	Apply paint in thin, multiple coats. Ensure paint is properly thinned. Allow adequate drying time between coats. Ensure the surface is clean before painting.
Small parts break during removal from sprue.	Use sharp plastic nippers and cut slightly away from the part, then trim the remaining gate with a hobby knife. Apply minimal pressure.

## SPECIFICATIONS

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Feature	Detail
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Feature	Detail
Product Dimensions	7.38 x 11.72 x 2.54 inches
Item Weight	1 ounces
ASIN	B000WOX5DI
Item Model Number	TM61100
Manufacturer Recommended Age	21 years and up
Manufacturer	MMD Holdings, LLC
Date First Available	November 9, 2007
Scale	1/48 Scale Aircraft
Special Features	Includes photo-etched detail parts, metal wing and landing gear struts, 6 different figures (including General Rommel), parts for various Fi 156C versions (fuel tank, skis, 3 canopy types).

## WARRANTY AND SUPPORT

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Tamiya products are known for their quality and precision. Specific warranty information for this model kit is typically provided within the kit packaging or on the manufacturer's official website. Please refer to those resources for detailed warranty terms and conditions.

For technical support, missing parts, or assembly inquiries, please contact Tamiya customer service directly. Their contact information can usually be found on the product packaging or their official website. When contacting support, please have your model number (TM61100) and purchase details ready.

**Note:** As this is a model kit, the warranty typically covers manufacturing defects in parts, not issues arising from assembly errors or improper handling after purchase.

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This manual is for informational purposes only and is subject to change without notice.