

TAMIYA 61115

Tamiya 61115 1/48 Kawasaki KI-61-ID Hien (Tony) Plastic Model Airplane Kit

Instruction Manual

1. PRODUCT OVERVIEW

This instruction manual provides detailed guidance for assembling the Tamiya 61115 1/48 Kawasaki KI-61-ID Hien (Tony) Plastic Model Airplane Kit. The Kawasaki Ki-61-Id Hien, known as 'Tony' by the Allies, was a distinctive Japanese Army fighter aircraft from World War II, notable for its liquid-cooled Ha-40 engine and sleek design. This model kit accurately replicates the Ki-61-Id variant, which featured an elongated nose housing 20mm cannons and 12.7mm machine guns in the wings.

Key features of this model include:

- Accurate depiction of the Ki-61-Id Type Hien with its elongated nose and slim fuselage.
- Detailed representation of the inverted Ha-40 V12 engine, including supercharger and other components.
- A meticulously crafted cockpit interior, featuring 20mm cannon ammo cases and an oil tank.
- Precisely detailed fuselage underside radiator, complete with air intake slats.
- Canopy parts designed for assembly in either an open or closed position.



Figure 1: Contents of the Tamiya 1/48 Kawasaki KI-61-ID Hien model kit, showing sprues, decals, and the instruction manual.

2. SETUP AND ASSEMBLY

Assembly of this plastic model kit requires careful attention to detail, along with painting and the use of adhesives. Please read all instructions thoroughly before beginning.

2.1 Tools and Materials Required

Before starting, ensure you have the following tools and materials:

- Plastic nippers or side cutters for removing parts from sprues.
- Hobby knife or craft blade for cleaning sprue gates and fine detailing.
- Tweezers for handling small parts and decals.
- Small files or sanding sticks for smoothing edges.
- Plastic cement (e.g., Tamiya Plastic Cement) for bonding parts.
- Paints (acrylic or enamel) as specified in the painting guide.
- Paintbrushes of various sizes or an airbrush for painting.
- Masking tape for precise painting.
- Decal setting solution and softener for applying decals.

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	Plastikkleber 40ml Tamiya
300087038	Plastikkleber 40ml extradünn Tamiya
300087135	Mark Fit (Strong) Dekorweichmacher 40ml
300087193	Decal Adhesive Soft / Haftmittel 10ml

Klebstoffe / Cement:



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Figure 2: Essential tools and adhesives for model assembly.

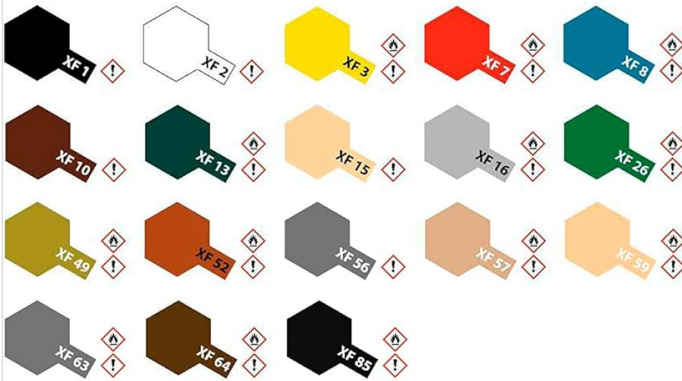
2.2 Assembly Steps

- Part Preparation:** Carefully cut each part from its sprue using nippers. Use a hobby knife to clean any excess plastic (flash) or sprue gates.
- Sub-Assembly:** Follow the numbered steps in the included instruction booklet to assemble major components such as the cockpit, engine, wings, and fuselage sections. Test fit parts before applying cement.
- Painting:** Refer to the detailed painting guide for recommended colors and application techniques. Apply paint in thin, even coats, allowing sufficient drying time between each.



Benötigte Farben / Paints required

XF-Acryl Farben matt / XF-Acrylic Paints flat



AS-Sprühfarben für Flugzeugmodelle

AS-Paint Spray for Aircraft Models, 100ml

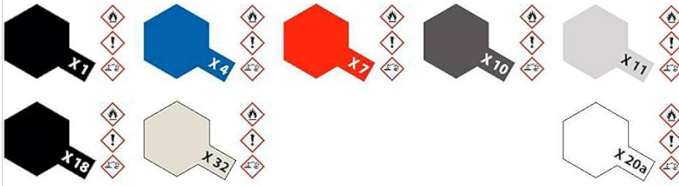


Art.Nr.	Bezeichnung
300081301	XF-1 Schwarz matt 23ml
300081302	XF-2 Weiss matt 23ml
300081303	XF-3 Gelb matt 23ml
300081307	XF-7 Rot matt 23ml
300081308	XF-8 Blau matt 23ml
300081310	XF-10 Braun matt 23ml
300081313	XF-13 Jap. Army Grün matt 23ml
300081315	XF-15 Fleischfarben matt 23ml
300081316	XF-16 Aluminium matt 23ml
300081326	XF-26 Dunkelgrün matt 23ml
300081349	XF-49 Khaki matt 23ml
300081352	XF-52 Erde matt 23ml
300081356	XF-56 Metallic Grau matt 23ml
300081357	XF-57 Buff (Gelb-Braun) matt 23ml
300081359	XF-59 Wüstengelb matt 23ml
300081363	XF-63 German-Grau matt 23ml
300081364	XF-64 Rot-Braun matt 23ml
300081785	XF-85 Gummi-schwarz matt 10ml Acryl (6)
300086512	AS-12 Metallsilber (Blank) matt 100ml
300086518	AS-18 Hellgrau matt (IJA) 100ml

Figure 3: Recommended XF-Acrylic flat paints for the model.

Benötigte Farben / Paints required

X-Acryl-Farben glänzend / X-Acrylic-Paints gloss, 23ml



Art.Nr.	Bezeichnung
300081001	X -1 SCHWARZ glänzend 23 ml
300081004	X-4 BLAU 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
300081018	X-18 Schwarz seidenmatt 23ml
300081032	X-32 Titanium Silber glänzend 23ml
300081020	X-20A Verdünner 23ml Acryl

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Figure 4: Recommended X-Acrylic gloss paints for the model.

- Decal Application:** Once painting is complete and dry, apply the included decals according to the marking guide. Use decal setting solutions to help decals conform to curved surfaces and eliminate air bubbles.
- Final Assembly:** Join all painted and decaled sub-assemblies to complete the model. Ensure all delicate parts, such as antennas or landing gear, are securely attached.



Figure 5: Example of a finished model in a silver paint scheme.



Figure 6: Example of a finished model in a camouflage paint scheme.



Figure 7: Internal details visible through a clear fuselage section.



Figure 8: Detailed cockpit interior.

3. OPERATING (DISPLAY AND HANDLING)

This model is designed for static display. Proper handling and display practices will ensure its longevity and appearance.

- **Handling:** Always handle the model by its sturdy sections, such as the main fuselage or wings, to avoid damaging delicate parts like landing gear, antennas, or propellers.
- **Display Location:** Place the model on a stable, flat surface away from high traffic areas where it might be accidentally knocked over.
- **Environmental Factors:** Avoid displaying the model in direct sunlight, which can cause paint to fade and plastic to become brittle over time. Keep it away from extreme temperatures or high humidity.

4. MAINTENANCE

Regular maintenance will help preserve the appearance of your model.

- **Dusting:** Use a soft, dry brush (such as a makeup brush or a dedicated model dusting brush) to gently remove dust. For hard-to-reach areas, a can of compressed air can be used, but hold it at a distance to avoid damaging parts.
- **Cleaning:** If necessary, lightly dampen a soft cloth with water (and a tiny amount of mild soap if needed) to clean surfaces. Avoid harsh chemicals or abrasive cleaners, as these can damage paint and plastic.
- **Storage:** If storing the model, ensure it is placed in a protective container to prevent dust accumulation and physical damage.

5. TROUBLESHOOTING

Here are solutions to common issues encountered during model assembly or display:

- **Parts Not Fitting:** Double-check that all sprue gates have been completely removed from the parts. Ensure the parts are oriented correctly according to the instruction diagrams. Sometimes, a small amount of sanding or trimming may be required for a perfect fit.
- **Paint Not Adhering or Uneven:** Ensure the plastic surface is clean and free of oils or mold release agents before painting. Apply paint in multiple thin coats rather than one thick coat. Allow each coat to dry fully before applying the next.
- **Decals Not Lying Flat:** Use a decal setting solution to help decals conform to irregular surfaces and eliminate air bubbles. Apply a small amount of solution to the area before placing the decal, and then

another small amount on top.

- **Broken Small Parts:** If a small part breaks, it can often be reattached using a small amount of plastic cement or super glue. For structural repairs, consider reinforcing with a small piece of plastic rod or wire if possible.

6. SPECIFICATIONS

Feature	Detail
Brand Name	TAMIYA
Model Name	1/48 Kawasaki KI-61-ID Hien (Tony) Plastic Model Airplane Kit
Model Number	TAM61115
Scale	1/48
Material Type	Plastic
Item Weight	0.11 Kilograms
Item Dimensions (L x W x H)	13.88 x 7.88 x 2.13 inches
Assembly Required	Yes
Batteries Required	No
Included Components	Plastic model kit parts, Decals and Markings, Instruction Manual
Educational Objective	Develop fine motor skills, patience, historical understanding, and following instructions
Recommended Age	14 years and up
Global Trade Identification Number (GTIN)	04950344611157

7. WARRANTY AND SUPPORT

Manufacturer Warranty: This product does not come with a manufacturer's warranty. Please refer to the retailer's return policy for any issues upon receipt.

Extended Protection Plans: Extended protection plans may be available for purchase from your retailer at the time of purchase. These plans are separate from any manufacturer warranty and offer additional coverage.

Customer Support: For questions regarding assembly, missing parts, or general inquiries about Tamiya products, please visit the official Tamiya website or contact their customer service directly. Contact information can typically be found on the Tamiya corporate website.

