

Heller HEL30304

Heller 1:72 DO27/CASA C-127 Model Kit Instruction Manual

Model Number: HEL30304

INTRODUCTION

This instruction manual provides comprehensive guidance for the assembly and finishing of your Heller 1:72 scale model kit of the DO27/CASA C-127 aircraft. Please read all instructions carefully before beginning assembly to ensure a successful and enjoyable building experience. This kit is designed for experienced modelers aged 14 and over.

SAFETY INFORMATION

WARNING! Not suitable for young children. Contains small parts which may present a choking hazard. Adult supervision is recommended for younger builders. Always use appropriate ventilation when working with paints and adhesives.

KIT CONTENTS

Your Heller 1:72 DO27/CASA C-127 model kit includes:

- Plastic parts molded on sprues
- Clear parts for canopy and windows
- Decal sheet for various markings
- Instruction booklet

Please inspect all parts upon opening the box to ensure completeness and check for any damage. If any parts are missing or damaged, please contact Heller customer support.



Figure 1: Front view of the Heller 1:72 DO27/CASA C-127 model kit box, displaying the aircraft in flight with parachutists, along with branding and scale information.

SETUP AND PREPARATION

Before starting assembly, prepare your workspace:

- Ensure a clean, well-lit, and well-ventilated area.
- Gather necessary tools: hobby knife, plastic cement, tweezers, sandpaper/files, paintbrushes, and paints.
- Carefully remove parts from the sprues using a hobby knife or sprue cutters. Trim any excess plastic (flash) from the parts.
- Dry-fit parts before applying cement to ensure proper alignment and fit.

ASSEMBLY INSTRUCTIONS

Follow the numbered steps in the included instruction booklet for detailed assembly. The general process involves:

1. **Cockpit Assembly:** Assemble the interior components such as seats, instrument panel, and control sticks. Paint these parts before gluing them into the fuselage halves.
2. **Fuselage Assembly:** Join the fuselage halves, ensuring the cockpit assembly is correctly positioned. Use plastic cement sparingly.
3. **Wing Assembly:** Assemble the wing sections, including any landing gear bays or internal structures. Attach the wings to the fuselage.
4. **Tail Section:** Attach the horizontal and vertical stabilizers to the rear of the fuselage.

5. **Landing Gear:** Assemble and attach the landing gear struts and wheels. Ensure they are aligned correctly for a stable stance.
6. **Propeller and Engine:** Assemble the propeller and attach it to the engine cowling.
7. **Clear Parts:** Carefully attach the canopy and windows using clear parts cement or white glue to avoid fogging.
8. **Final Details:** Add any remaining small parts such as antennas, pitot tubes, and other external details.



Figure 2: Rear view of the model kit box, showing multi-language product information, a preview of the waterslide decals, and recommended paint colors.



Figure 3: A closer view of the model kit box front, highlighting the detailed illustration of the DO27/CASA C-127 aircraft and

key kit specifications.

PAINTING AND DECAL APPLICATION

Once the main assembly is complete and the cement has fully cured, prepare for painting. Refer to the instruction booklet and the box art for recommended paint schemes and colors. The back of the box (Figure 2 and Figure 4) provides a guide for paint selection and decal placement.

- **Painting:** Apply primer if desired, then paint the model using acrylic or enamel paints. Apply thin coats to preserve surface detail.
- **Decals:** Cut out each decal individually. Dip in warm water for a few seconds until it slides freely from the backing paper. Carefully slide the decal onto the model surface. Use decal setting solutions to help the decals conform to irregular surfaces and eliminate silvering.

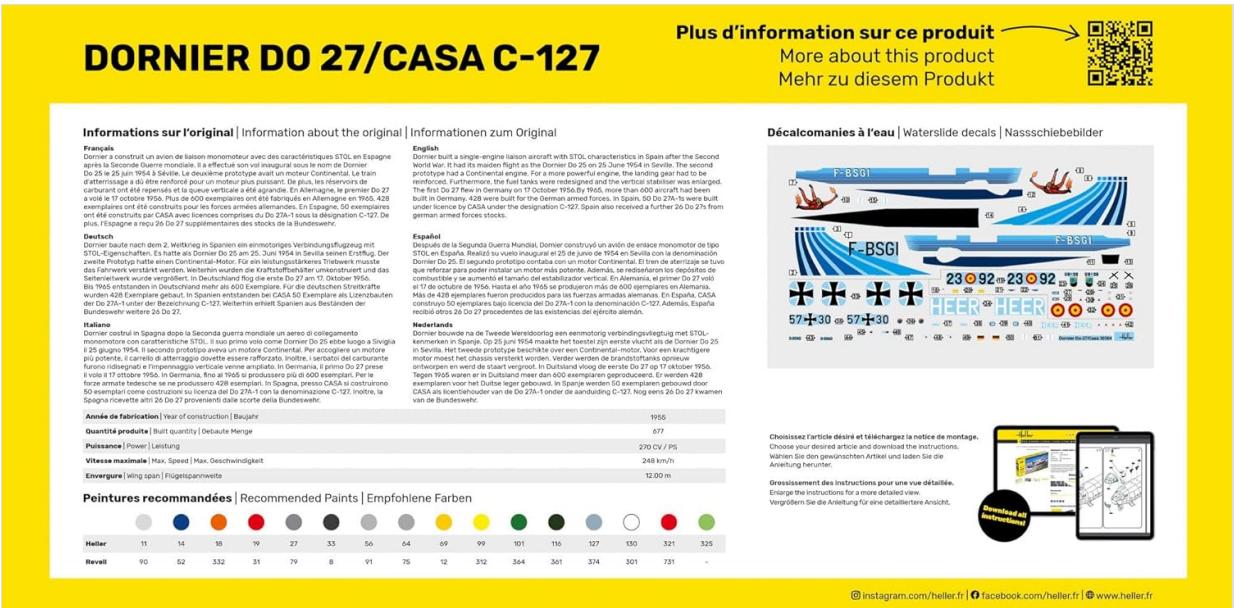


Figure 4: Detailed view of the model kit box back, showcasing the waterslide decal sheet and recommended paint color codes for various schemes.

MAINTENANCE AND DISPLAY

Once your model is complete, proper care will ensure its longevity:

- Keep the model away from direct sunlight to prevent paint fading and plastic warping.
- Dust regularly with a soft brush or compressed air. Avoid harsh cleaning agents.
- Display the model on a stable surface to prevent accidental falls.



Figure 5: Illustration showing different profiles and dimensions of the DO27/CASA C-127 model, including various decoration options.

TROUBLESHOOTING COMMON ISSUES

Here are solutions to common challenges encountered during model assembly:

- **Poor Part Fit:** Dry-fit parts before gluing. If fit is loose, use a small amount of filler. If too tight, gently

sand edges.

- **Gaps After Gluing:** Fill small gaps with plastic putty or stretched sprue. Sand smooth once dry.
- **Decal Silvering:** Ensure the surface is glossy before applying decals. Use decal setting solutions to help decals conform and remove trapped air.
- **Paint Issues:** Apply paint in thin, even coats. Allow sufficient drying time between coats. Ensure proper surface preparation.

SPECIFICATIONS

Feature	Detail
Brand	Heller
Model Name	DO27/CASA C-127
Scale	1:72
Item Model Number	HEL30304
Item Weight	7 ounces
Manufacturer Recommended Age	14 years and up
Number of Pieces	72 pieces
Model Dimensions (approx.)	133 x 167 mm



REF: 30304

DORNIER
DO 27/CASA C-127

Scale: 1/72

Année de fabrication
Year of construction • Baujahr

1955

Quantité produite
Built quantity • Gebaute Menge

677

Puissance
Power • Leistung


270 CV / PS

Vitesse maximale
Max. Speed • Max. Geschwindigkeit

248 km/h

Envergure
Wing span • Flügelspannweite

12.00 m


133 x 167 mm

4 x Decorations provided

72 pieces



Figure 6: Product information card detailing the year of construction, built quantity, power, maximum speed, wing span, and model dimensions.


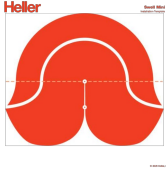


SUPPORT AND CONTACT INFORMATION

For further assistance, missing parts, or inquiries regarding your Heller model kit, please visit the official Heller website or contact their customer support.

Official Website: www.heller.fr

Related Documents - HEL30304

	Heller Car Mechanics II 82756 Model Kit Assembly Instructions Detailed assembly instructions for the Heller Car Mechanics II 82756 model kit. Learn how to build your model car with step-by-step guidance and part information.
	Heller 40cm Desk Fan Instruction Manual (Model HHDF40SG) Instruction manual for the Heller 40cm Desk Fan, Model HHDF40SG. Includes operating instructions, safety precautions, care and cleaning guidelines, specifications, and assembly steps.

 <p>The image shows the cover of the user manual for the Heller HCF1500 Ceramic Oscillating Fan Heater. It features the Heller logo at the top, followed by the product name and model number. A small image of the heater is in the center, and a warning to read the instructions before use is at the bottom.</p>	<p>Heller HCF1500 Ceramic Oscillating Fan Heater 1500W User Manual</p> <p>User manual for the Heller HCF1500 Ceramic Oscillating Fan Heater. Includes important safety instructions, product features, operating instructions, thermostat and oscillation controls, tip-over and overheat protection, cleaning and maintenance, storage, specifications, and customer service information.</p>
 <p>The image shows the cover of the installation guide for the Heller Swell Mini Wall Organizer. It features the Heller logo and a red graphic of the organizer's shape with a dashed line indicating the mounting area.</p>	<p>Heller Swell Mini Wall Organizer Installation Guide</p> <p>Step-by-step instructions and essential tips for installing your Heller Swell Mini wall organizer. Includes guidance on using the provided template and ensuring a secure mount.</p>
 <p>The image shows the cover of the user manual for the Heller HIH20 Infrared Instant Heater. It features the Heller logo, the product name, and a small image of the heater unit.</p>	<p>Heller HIH20 Infrared Instant Heater 2000W User Manual</p> <p>User manual for the Heller HIH20 Infrared Instant Heater 2000W, providing comprehensive safety instructions, assembly guidance, operating procedures, and maintenance tips for optimal performance and longevity.</p>
 <p>The image shows the cover of the user manual for the Heller Ice Maker, Model HIM10. It features the Heller logo and a small image of the ice maker unit.</p>	<p>Heller Ice Maker HIM10 User Manual</p> <p>User manual for the Heller Ice Maker, Model HIM10. Provides important safety information, operating instructions, troubleshooting tips, and specifications for this household appliance.</p>