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› Metal Earth Fascinations Cessna 182 Skylane 3D Metal Model Kit Instruction Manual

Metal Earth MMS111

Metal Earth Fascinations Cessna 182 Skylane 3D Metal Model Kit

MODEL: MMS111

Brand: Metal Earth

INTRODUCTION

This instruction manual provides guidance for assembling your Metal Earth Fascinations Cessna 182 Skylane 3D Metal Model Kit. This kit is designed for hobbyists aged 14 and up. The model is constructed from highly detailed etched metal sheets, requiring no glue or solder for assembly. Patience and precision are key to a successful build.

The completed model measures approximately 4.57 x 5.59 x 1.77 inches (L x W x H).



Image: A fully assembled Metal Earth Cessna 182 Skylane 3D metal model, showcasing its intricate details and metallic finish.

SETUP

Tools Required

For optimal assembly, the following tools are recommended (not included in the kit):

- **Small Clippers:** For carefully detaching parts from the metal sheets.
- **Needle-Nose Pliers:** Essential for bending and twisting connection tabs.
- **Tweezers:** Useful for handling small parts and precise adjustments.

Unpacking and Preparation

Carefully remove the metal sheets from the packaging. Inspect all parts for any damage. Familiarize yourself with the included illustrated instructions before beginning assembly. Handle the metal sheets with care to avoid accidental bending or damage to the delicate parts.



Image: A pair of hands holding metal model sheets and clippers, preparing to detach parts for assembly.

ASSEMBLY INSTRUCTIONS

The Metal Earth Cessna 182 Skylane model is assembled by detaching parts from the metal sheets and connecting them using a system of tabs and slots. No adhesive is required.

General Assembly Principles:

1. **Clip the Parts:** Use small clippers to carefully detach each part from the metal sheet. Ensure clean cuts to avoid

burrs.



Image: A close-up view of a small metal part being carefully clipped from an etched metal sheet.

2. **Bend and Fold:** Many parts require bending or folding along etched lines. Use needle-nose pliers for precise bends.

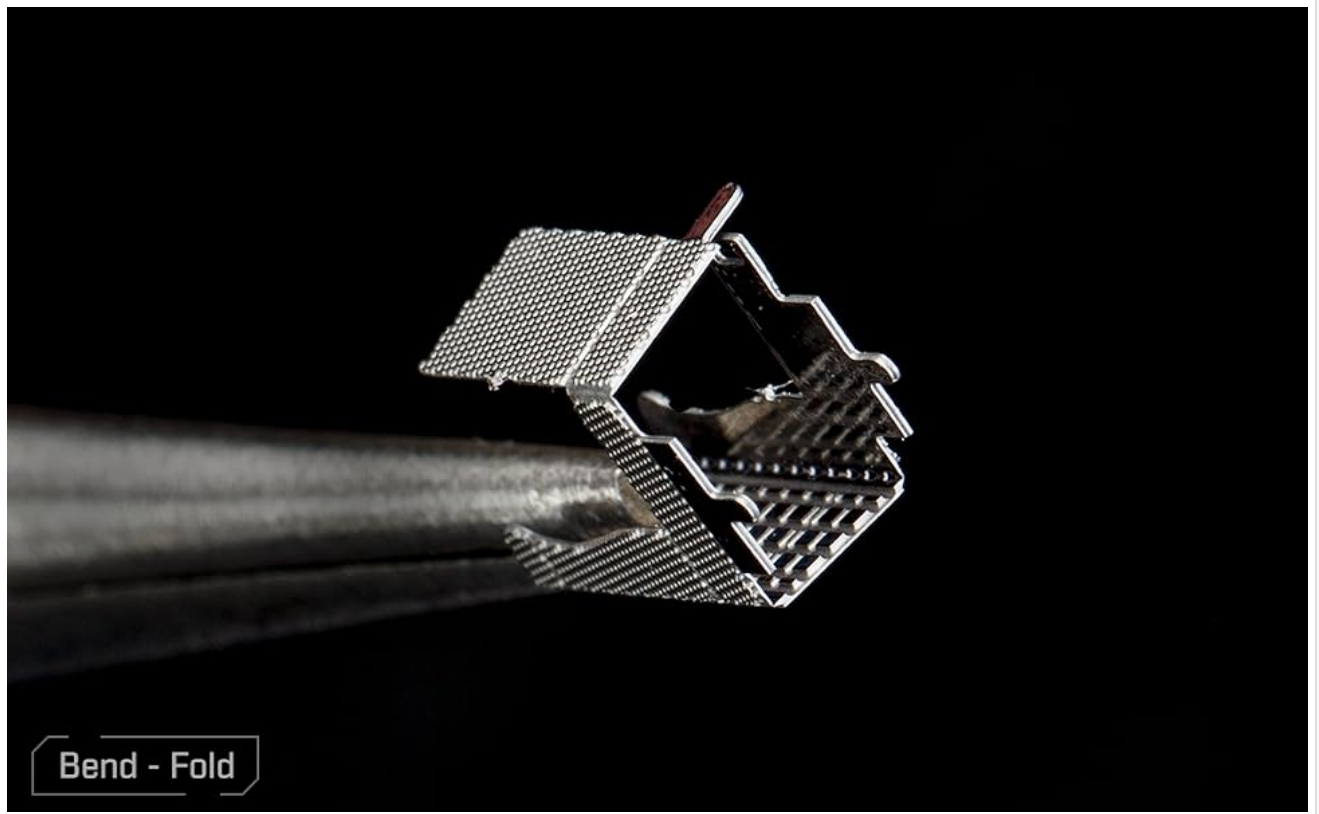


Image: A close-up showing a metal piece being bent or folded along an etched line, demonstrating the 'Bend - Fold' technique.

3. **Connect Tabs and Holes:** Align the tabs on one part with the corresponding slots (holes) on another part.



Image: A close-up illustrating how a tab is inserted into a corresponding hole to connect two metal pieces.

4. **Bend or Twist Tabs:** Once tabs are inserted, bend or twist them to secure the connection. Refer to the instructions for specific bending/twisting directions.



Image: A close-up demonstrating the 'Bend - Twist' method to secure a metal tab after insertion.

For detailed, step-by-step visual instructions, please consult the illustrated guide included in your kit. Each step is clearly outlined to ensure accurate assembly.

Your browser does not support the video tag.

Video: An overview demonstrating the general assembly process for Metal Earth models, including clipping parts and connecting them without glue. This video illustrates the techniques applicable to the Cessna 182 Skylane kit.



Image: A partially assembled Metal Earth model with text indicating that no glue is required for construction.

MAINTENANCE

Once assembled, your Metal Earth model requires minimal maintenance. To keep your model in pristine condition:

- **Cleaning:** Gently dust the model with a soft, dry cloth or a soft brush. Avoid using water or cleaning solutions, as they may damage the metallic finish.
- **Storage:** Store the model in a stable location away from direct sunlight, extreme temperatures, and high humidity to prevent discoloration or material degradation.
- **Handling:** Handle the model by its base or larger, more robust sections to avoid bending or breaking delicate parts.

TROUBLESHOOTING

While Metal Earth models are designed for precise assembly, some challenges may arise:

- **Difficulty Bending Tabs:** If tabs are difficult to bend, ensure you are using appropriate needle-nose pliers. Apply steady, gentle pressure. Avoid excessive force, which can cause breakage.
- **Broken Tabs:** In the event a tab breaks, it may be possible to secure the connection using a small amount of model adhesive. However, this is generally not recommended as it deviates from the intended glue-free design.
- **Parts Not Fitting:** Double-check the part numbers against the instructions. Ensure all bends are made accurately and to the correct angle. Slight adjustments with pliers may be necessary.
- **Lost Parts:** Due to the small size of some components, parts can be easily misplaced. Work in a well-lit, organized area to minimize this risk. Replacement parts are generally not available for individual pieces.

If you encounter persistent issues, refer to the manufacturer's support resources or website for further assistance.

SPECIFICATIONS

Feature	Detail
Model Name	Cessna 182 Skylane
Item Model Number	MMS111
Brand	Metal Earth
Material	Metal
Product Dimensions (L x W x H)	4.57 x 5.59 x 1.77 inches
Item Weight	1.76 ounces (50 Grams)
Number of Pieces	Approximately 1000 (as per general kit description)
Recommended Age	14 years and up
Included Components	2 metal boards

WARRANTY INFORMATION

For specific warranty details regarding your Metal Earth Fascinations Cessna 182 Skylane 3D Metal Model Kit, please

refer to the product packaging or visit the official Metal Earth website. Warranty terms typically cover manufacturing defects.

SUPPORT AND CONTACT

Should you require further assistance or have questions not covered in this manual, please contact the manufacturer, Fascinations, or visit the Metal Earth brand store for support resources.
Metal Earth Brand Store: [Visit the Metal Earth Store](#)

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

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Question

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.

Submit question