

HobbyZone HBZ4913

HobbyZone Decal Sheet: Champ - Instruction Manual

Model: HBZ4913
Brand: HobbyZone

PRODUCT OVERVIEW

This instruction manual provides guidance for the proper application and care of the HobbyZone Decal Sheet designed for the Champ model. These decals are intended for cosmetic enhancement and replacement on compatible HobbyZone aircraft models.



Image: The HobbyZone Champ Decal Sheet, featuring various markings and the HobbyZone logo, ready for application.

SETUP: APPLICATION PREPARATION

Before applying the decals, ensure the surface is properly prepared to achieve optimal adhesion and appearance.

- Clean the Surface:** Thoroughly clean the area where the decal will be applied. Use a mild soap and water solution or an appropriate model-safe cleaner. Ensure the surface is free of dust, grease, oil, and fingerprints. Allow the surface to dry completely.
- Gather Tools:** Prepare the necessary tools: a pair of sharp scissors or a hobby knife, a soft cloth or squeegee, and optionally, masking tape for positioning.
- Inspect Decals:** Carefully inspect the decal sheet for any imperfections. Identify the specific decals you intend to use.
- Pre-cut (Optional):** If the decals are not pre-cut, carefully cut around the desired decal using sharp scissors or a hobby knife, leaving a small margin around the design.

OPERATING: DECAL APPLICATION PROCESS

Follow these steps for precise and effective decal application.

- Positioning:** Gently peel the decal from its backing sheet. For larger decals, it may be helpful to peel only a small section first. Carefully align the decal on the desired surface. You may use masking tape to temporarily hold one edge in place for precise alignment.
- Application:** Once positioned, slowly press the decal onto the surface, working from one edge to the other. Use a soft cloth or squeegee to smooth out the decal, applying gentle, even pressure to remove any air bubbles. Work outwards from the center of the decal.
- Removing Air Bubbles:** If air bubbles appear, gently lift the nearest edge of the decal and re-apply, smoothing it down. For stubborn small bubbles, a very fine needle can be used to carefully prick the bubble, then smooth it out.
- Final Adhesion:** Once the decal is fully applied and smoothed, press firmly over the entire decal with a soft cloth to ensure

complete adhesion.

5. **Drying Time:** Allow the decals to cure for at least 24 hours before handling the decaled surface extensively or exposing it to moisture.

MAINTENANCE

Proper care will help maintain the longevity and appearance of your applied decals.

- **Cleaning:** When cleaning the decaled surface, use a soft, damp cloth and mild cleaning agents. Avoid abrasive cleaners, harsh chemicals, or excessive scrubbing directly on the decals, as this can damage them.
- **Protection:** Avoid prolonged exposure to direct sunlight or extreme temperatures, which can cause decals to fade or peel over time. If the model is stored, consider a protective cover.
- **Handling:** Handle the decaled areas with care to prevent scratching or peeling.

TROUBLESHOOTING

Common issues and their solutions during decal application.

Problem	Possible Cause	Solution
Air Bubbles Under Decal	Uneven application; trapped air.	Gently lift the nearest edge and re-smooth from the center outwards. For small bubbles, carefully prick with a fine needle and smooth.
Decal Not Sticking	Surface not clean; insufficient pressure during application.	Ensure surface is clean and dry before application. Apply firm, even pressure across the entire decal.
Decal Peeling at Edges	Incomplete adhesion at edges; rough handling.	Press down firmly on edges during application. Avoid touching edges after application until fully cured.
Decal Misaligned	Improper initial positioning.	If caught immediately, gently lift and reposition. If decal has set, it may be difficult to correct without damage. Consider removing and replacing with a new decal if available.

SPECIFICATIONS

Key specifications for the HobbyZone Decal Sheet: Champ (HBZ4913).

- **Product Dimensions:** 14.2 x 7.4 x 0.11 inches
- **Item Weight:** 2.11 ounces
- **Item Model Number:** HBZ4913
- **Manufacturer Recommended Age:** 14 years and up
- **Manufacturer:** Horizon Hobby
- **Date First Available:** March 26, 2010



Image: The decal sheet with an overlay indicating its approximate dimensions, specifically a height of 7.5 inches (19 cm).

WARRANTY AND SUPPORT




This decal sheet is an accessory item. Warranty information for the HobbyZone Champ aircraft, for which these decals are intended, is typically provided with the aircraft itself. For specific warranty details regarding this accessory or for product support, please refer to the official HobbyZone or Horizon Hobby website.

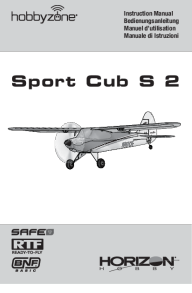
Official Website: www.horizonhobby.com



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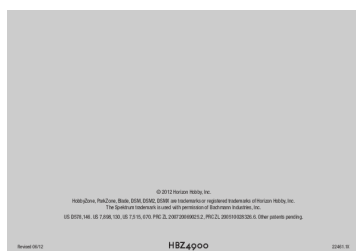
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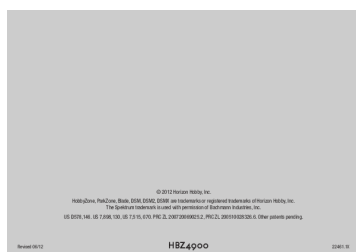
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