

The Ray Allen Company Inc.

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WWK-1 Wing Walk

Installation Instructions

Installation of your wing walk material can be as easy as “peel and stick”. However, taking a few simple precautions and using the suggested techniques, your wing walks will apply easier and be more durable in the future.

1. Clean the surface on which you will apply the wing walk. Use a wax and grease remover first, then clean the surface again with alcohol (denatured or just rubbing).

2. Sharp corners on the wing walk are more likely than other areas to peel up in the future. Your wing walk is cut with square corners. Feel free to cut a radius (1-2") around the corners for a more durable bond.

3. For best results, apply at room temperature (60 - 70 F or 15 - 20 C).

CAUTION! Do not apply a wing walk in hot conditions, especially if the material itself is hot. In this condition, the adhesive can easily separate from the non-slip material when the backing is removed. Keep the wing walk cool before application and take special care when peeling off the non-stick backing.

4. Remove the non-stick material from the back of the wing walk. Be extra careful when handling the wing walk from now on. The exposed adhesive backing will stick to fingers as well as a wing surface. Pick up the material at the very edges.

5. An extra set of hands is very helpful during actual application. Have your helper hold the aft corners of the wing walk off the wing surface while you stick down the forward edge. Work your way out and aft while pressing the material onto the wing. If an extra set of hands is not available, try unrolling a little backing off of the forward edge of the wing walk and applying it to the wing first. Then unroll more backing and slowly work your way aft.

The bond between the wing walk material and the wing will become stronger in a few days, so try not to peel up corners or walk on the material until then. A little heat can be good for bonding strength. Try rolling your plane into the sun for a few hours. The black wing walk material will heat up nicely.

For information on other Ray Allen experimental aircraft products, please feel free to download our brochure at: www.rayallencompany.com

Warning: Installation and use of Ray Allen Company products is the responsibility of the aircraft designer and builder. Use of Ray Allen products in any application which will exceed their capability can cause failure leading to injury or death.