

RV-14 PREMIUM GLARE SHIELD

DESCRIPTION

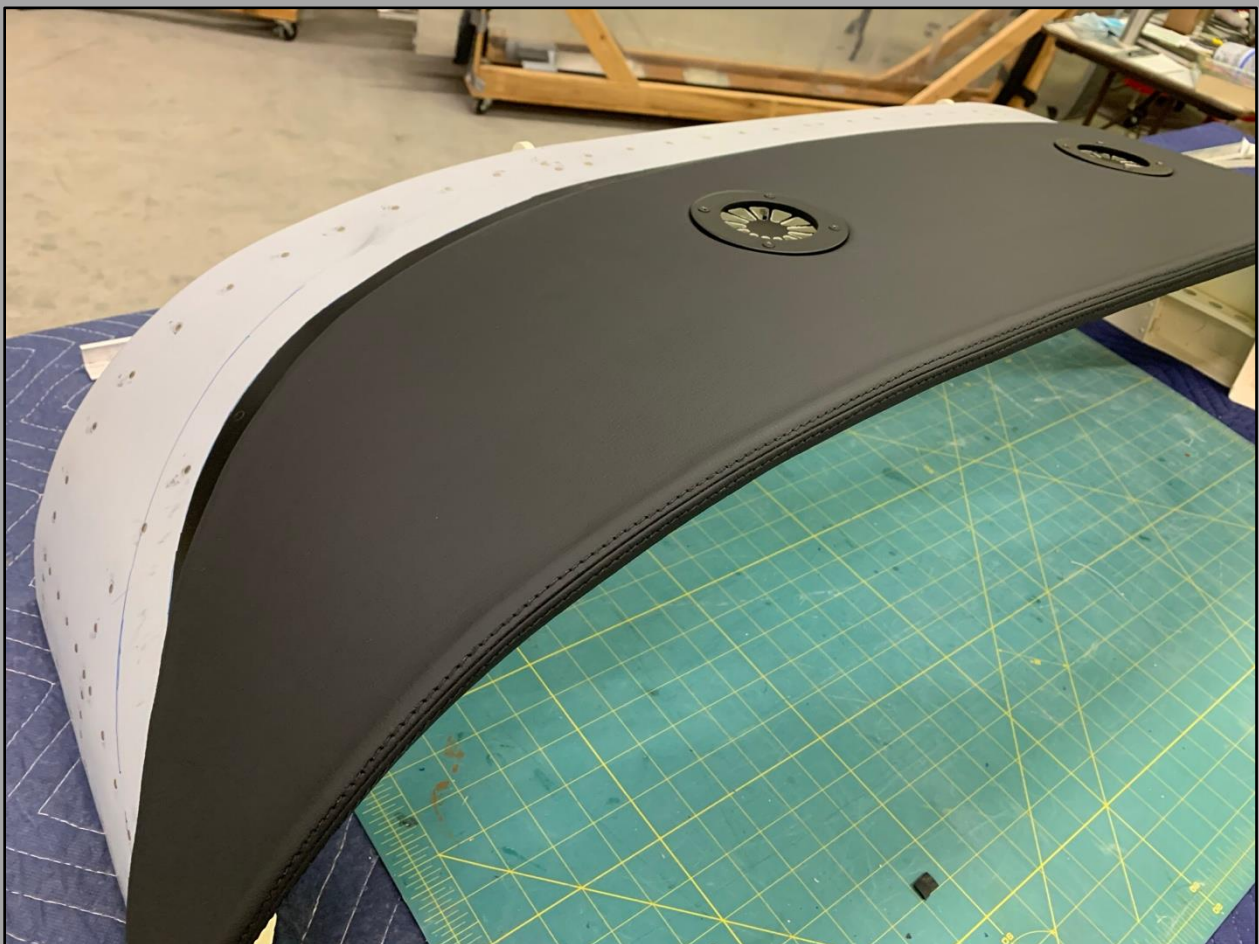
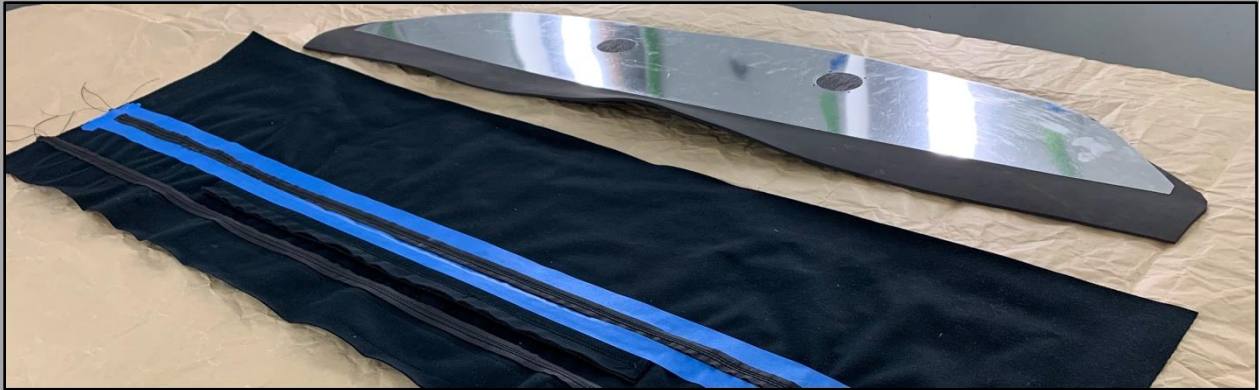
This premium glare shield is a custom design for the Van's RV-14. With heavy stitching along the leading edge and complete coverage of material both above and below the default thin aluminum glare shield, this product will add comfort and style to your cockpit. Here are some product highlights:

- Safe Materials – Foam and leather-like textile are both burn certified
- UV Protection – Your glare shield and stitching won't fade in the sun
- Thick Stitching – Customize the look by selecting different thread colors
- Optional LED Strip Pocket – Sewn-in pocket to insert LED lights – you only see the emitted light



MATERIALS

The leather-like material is a high-quality textile made by Perrone Aerospace that is designed specifically for glare shields and used in other certified aircraft such as Diamond Aircraft and Cessna business jets. With the look and feel of real leather, the textile is a polyurethane-coated fabric with UV protection. Unlike vinyl and other materials, the Perrone Aerospace textile will not outgas and damage your canopy. The glare shield is constructed with a thin 0.016" aluminum backing (2024-T3) for rigidity and a 1/8 inch foam layer from IR Specialty Foam that folds over for a thickness of 1/4 inch. Both the IR Specialty foam and the Perrone Aerospace textile are burn certified.



STITCHING

The stitching is a polyester thread (Size 207) that is also UV protected and resistant to dirt and oils. Your default color choices are either nickel (looks white) or black. The nickel-colored thread will draw attention to your instrument panel and give your cockpit a finished look. The black thread is more subtle but truly does the job of eliminating reflections. The thread is extremely thick and can only be sewn by a skilled professional using an industrial sewing machine. If you want the stitching to be red, green, yellow or any other available color, request a thread sample so you can see it before committing to a custom color.



DEFROST FAN RINGS

The glare shield kit comes with rings to cover the edges of the holes for the defrost fans. These are rigid aluminum powder-coated in a flat black and are also used to affix the glare shield from the top.



AOA INDICATOR / GPS ANTENNA / ACCESSORIES

If you plan to install an AOA indicator, GPS antennas, camera, or any other accessories on top of the glare shield, it is straightforward to drill the glare shield aluminum and cut the material to make the necessary holes.



INSTALLATION

The glare shield is attached at the top by using screws on both defrost fan rings. The bottom of the glare shield is attached by hook and loop fasteners – one side is sewn into the bottom of the glare shield; the other is attached to aircraft with an adhesive rated between -35 to 248° F. The LED strip tucks into the pocket and is held in place with the backing tape (usually 3M) from the LED strip. The LED strip must be installed last. Detailed, step by step installation instructions are provided.

Expect this job to take 1-2 hours to complete, depending on if the LEDs and accessories are installed.

WEIGHT

The glare shield weight is 2.1 pounds including LEDs, defrost fan rings and hardware.