



# **PRACTICE KIT INSTRUCTION MANUAL**

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That's it! The dressing of the panel is now complete. Once dressed out, the entire surface, including finishing tapes and reinforcing patches, receives its second coat of POLY-BRUSH. This coat is usually applied with a spray gun, but for this practice panel, it should be applied with a brush.

## STEP 5 — Spray

This step is used as a sanding base and to protect the fabric from the sun's ultra-violet rays that will damage the fabric. POLY-SPRAY is sprayed on your aircraft in three cross coats to avoid showing brush marks. However, for convenience with this practice frame, you may apply it with a brush. If you use a brush, you may see brush marks that will not show when you spray your airplane. The first coat of POLY-SPRAY will reveal any pinholes, loose tape, or other workmanship flaws. Let the first coat dry 15 to 20 minutes and apply a second coat, then let the two coats dry 2 to 4 hours depending on ambient temperature. This will prepare the surface for sanding.

Careful attention should be given to workmanship during any sanding process. The intent is to sand off the high points of a rough surface *without* sanding all the coating down to the fabric and cutting some of the filaments.

We do not recommend a heavy build up of coats to completely hide the fabric weave. You should always see some fabric weave, and tape edges should never be hidden. If too many coats are applied, the layers at the edges of the structures will be unnecessarily thick, and fatigue cracks due to the prop blast and flexing may appear.

Now apply the third and final coat of POLY-SPRAY and let it dry. The practice frame is now complete. You can store your surface indefinitely awaiting the final finish color, and it will stay at exactly the same tension and flexibility.

We sincerely hope you choose to cover with Poly-Fiber materials, and we offer *only* two iron-clad rules:

1. Read and follow the manual.
2. Don't substitute materials.

Your distributor can provide you with a quote for your project listing all materials needed and the cost. We also recommend that you purchase the "Aircraft Fabric Covering" video produced by EAA Sportair. This video features a factory-certified instructor explaining and demonstrating in detail each step of the Poly-Fiber covering process. For additional information or the name and number of your closest distributor, call 1-800-362-3490 between the hours of 8:30 a.m. and 5:00 p.m. PT, Monday through Friday, or e-mail us at [information@polyfiber.com](mailto:information@polyfiber.com).

*Thank you for trying the POLY-FIBER system.*

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### PRACTICE KIT INCLUDES:

Re-usable practice frame.

1 yard	Medium 72" Fabric
1 pint	Poly-Spray
1 pint	Poly-Brush
1/2 pint	65-75 Reducer
1/2 pint	Poly-Tak
1/2 pint	MEK
1	1/2" Glue Brush
1	1" Disposable Brush
1 sheet	#280 Sandpaper
1 sheet	#320 Sandpaper
4	Drain Grommets
2 feet	1/2" Reinforcing Tape
2 feet	2" Finishing Tape
1	12" Curved Needle
1	Inspection Ring
4 feet	Riblacing Cord
1	Thermometer
1	<del>Poly-Fiber Film Introductory Brochure</del>
1	Poly-Fiber Practice Kit Instruction Manual