



## Ceconite and Star Gloss Fabric Covering System

**What's So Good About the Ceconite/Star Gloss Fabric Covering System? PLENTY?**

### **It's A Complete System – No More Shopping Around!**

When you cover your airplane with **Ceconite/Star Gloss**, you get everything you need. All the tools and materials, all from your **Ceconite/Star Gloss** distributor.

### **One of the Best Manuals in the Business!**

Like our Poly-Fiber and Ceconite STC manuals, the Star Gloss STC Procedure Manual is 114 pages of **step-by-step instruction**, helpful photos, great nostalgic cartoons, extra words of wisdom, and a delightful sense of humor. And we've included our entire catalog of products, everything from fabrics to top coat. Current Star Gloss Procedure Manual is Original Issue May 2010.

### **You'll Like Our Aggressive Factory Support!**

We have an **800 number for Technical Support**, not just sales, **800-362-3490**. Or address your email to [info@ceconite.com](mailto:info@ceconite.com).

### ***“Why should I use Star Gloss?”***

- **Star Gloss** is an aircraft fabric covering system that consists of special proprietary vinyl and polyurethane coatings applied over **Ceconite** polyester fabric. As it dries, it bonds extremely well to today's polyester fabrics and remains flexible.
- **Star Gloss does not support combustion.**
- **Star Gloss** is **one of the lightest systems** available. Only **five coats** are used.
- **Star Gloss** is easily repairable, and the repairs are as strong as the original.
- **Star Gloss** is **not particularly sensitive** to heat, cold, or humidity during application or throughout its service life.
- **Ceconite/Star Gloss** offers choices in fabric weights and uses **Randolph Ranthane** polyurethane top coat paint available in 50 colors.

### ***“What will it cost for materials to cover my airplane in Ceconite and Star Gloss?”***

- Cub-size airplanes usually run about \$4000.
- A Stearman will run about \$6000.

- An ultralight may cost as little as \$500 to \$1000.

### ***“Is Star Gloss more expensive than other systems?”***

No, it's actually a little less expensive since there are fewer coats.

### ***“How many steps are there?”***

There are just five basic steps:

1. **Glue on** the fabric with our **Star-Tak** fabric cement; tighten it with the heat of a calibrated clothing iron.
2. **Brush on** a coat of **Star Gloss; Gray Sealer**.
3. **Riblace**, then apply gussets and finishing tapes with more **Gray Sealer**.
4. **Spray on** two coats of **Star Gloss; Silver Urethane Fabric Primer**.
5. **Spray on** two coats of **Randolph Ranthane** top coat paint.

### ***“That's five coats. How much does that weigh?”***

**Surprising little.** Total fabric and coating weight is about 65 pounds, not the usual 75. Smaller aircraft and ultralights average about 35 to 40 pounds.

### ***“Can I use automotive paint over a Star Gloss base?”***

Since 2001, the FAA has required that fabric-covered aircraft (at least the fabric parts) be painted only with top coat paints tested and approved on an STC. Use of any other topcoat paint will void the STC and airworthiness of the aircraft. Up to 2001, the STC's “ended with the silver,” and any type of paint was legal to use. This is no longer true. Over the years, increased use of brittle automotive or industrial paints caused enough cracking and delamination to cause the FAA to rethink approving untested topcoat paints over fabric. Failed topcoat paints expose polyester fabric to sunlight and UV damage. The only topcoat paint approved on the **Ceconite/Star Gloss** STC is **Randolph Ranthane**. This paint has a long service life over fabric as well as an FAA Parts Manufacturing Authority (PMA), which allows its application on certified aircraft. For instance, a J-3 Cub must have only **Ranthane** over the fabric parts, but you could use enamel or anything else over the struts, cowl, fairings, etc. The keyword is FABRIC. Experimental aircraft are not bound by these rules; however, we do recommend using products with known track records on fabric components.

***Our primary goal is to provide you with the products you need to cover your airplane PLUS the clear concise instruction you need to use those products to complete the job.***