



- **GUARANTEED two full years**
- **STOP damaging heat build-up in parked aircraft**
- **PROTECT avionics and interiors**
- **COVER all windows in singles and light twins**

With a set of Thermoguard advanced heat shields, you are assured of:

- ... highest possible quality of materials and workmanship
- ... rigid quality control
- ... assured satisfaction

**CONNECTICUT
AVIATION
PRODUCTS, INC.**

Post Office Box 12
East Glastonbury, CT 06025
Telephone (203) 633-5588

Handwritten: #27494
\$410

HISTORY OF THERMOGUARD HEAT SHIELD MATERIAL

The radar-reflective laminate used in Thermoguard heat shields has an impressive pedigree. It is a commercial adaption of fabrics developed by NASA. A variation first used in the ECCO satellite program for the study of solar wind was subsequently adapted by NASA for other uses. Astronaut personal flotation devices (life vests) and the protective canopy for the Winslow raft are examples. The fabric was selected because it offers maximum protection against sun, wind and rain. It is an effective thermal barrier, has high visibility, and radar detectability at distances up to 40 miles.

OTHER USES FOR THERMOGUARD HEAT SHIELDS

In addition to protecting your aircraft's radios and interior, Thermoguard heat shields can be a life saver in emergency situations. If you are ever forced down in unpleasant terrain, consider these uses for your heat shields:

- Use your heat shields to cover an injured person. They will maintain body warmth and reduce shock.
- Drape heat shields over wings, branches, etc. as a shelter from sun and weather.
- Use a section of your heat shield to line a depression in the soil for the collection and storage of water.
- Spread heat shields, reflective side up, in an open area. Their high visibility and radar reflectivity will make your location more easily identifiable from the air.

A few yards of additional radar-reflective heat shield material in the baggage compartment of your aircraft could be a real life saver. This material is available at \$10.50 per yard (58 inches wide) with purchase of Thermoguard heat shields.

Please send Thermoguard advanced heat shields for:

Aircraft: Make, Model, Year, Serial No. (not N number)

Name:

Address:

City, State & ZIP:

Telephone numbers: (Residence) (Business)

Singles and light twins (all windows covered): \$59.95 + \$3.00 postage & handling

Cabin class aircraft (cockpit only): \$59.95 + \$3.00 postage & handling

Send check or money order with this form to:

Connecticut Aviation Products, Inc.
Post Office Box 12
East Glastonbury, CT 06025

Connecticut residents add sales tax

VISA or Master Card: Account Number Expiration Date

(Circle which one)

..... additional yards of laminate (58" wide at \$10.50 per yard)
..... total for material

WHY BUY HEAT SHIELDS?

The introduction of solid state electronics in general aviation radio equipment promised a new era in avionics reliability. But this is true only if the equipment is operated within prescribed temperature limits.

Research has shown that interior cabin temperatures of parked aircraft can reach 185° on a sunny day in any part of the country. This repeated exposure to heat causes slow, progressive deterioration of transistorized electrical circuits in aircraft radios.

TSO criteria require that equipment be able to operate at a temperature of 131° F and for short periods at 160° F. The operation of a radio heated to 185° F through greenhouse effect will result in a failure rate *500 times higher than if operated at normal atmospheric temperature.*

A set of well-fitting reflective heat shields installed in your aircraft will maintain cockpit temperatures within a few degrees of outside air temperature. They will also eliminate fading and general deterioration of interiors and plastics due to sunlight and heat.

AOPA PILOT magazine has this to say about heat shields: "Typically, window covers with Velcro fasteners can be installed or removed in less than a minute. This small continuing investment in time and the nominal dollar outlay will return the aircraft owner a sizable savings in the form of reduced downtime and maintenance costs, while providing increased radio reliability and extended service life."

ABOUT THERMOGUARD ADVANCED HEAT SHIELDS

Thermoguard advanced heat shields are manufactured from a brilliant, orange-gold metalized nylon polyester laminate. They are light in weight and incredibly strong; they will not tear or snag. All edges are bound with heavy duty tape to provide a high-strength backup for the Velcro fasteners, and to present a pleasing appearance.

Heat shields are custom-fitted for each aircraft type, and cover all windows in single engine models and light twins, insuring privacy for parked planes. Shields for cabin class twins and jets are cockpit-only models. The initial installation is easy, and takes only a few minutes. After that, it is a matter of seconds to snap shields in place for use. Sets include pressure-adhesive Velcro fasteners plus complete installation instructions.



ORDERING INFORMATION

Thermoguard advanced heat shields come in patterns to fit over two hundred domestic aircraft. We will also make shields to fit antiques, home-builts, foreign and military aircraft, if the customer will furnish us with a paper pattern. There is no extra charge for this service. We can furnish easy instructions for cutting such a pattern.

Please note in the order blank on the reverse side of this panel that we ask you to supply us with any additional information which might pertain to your own aircraft, such as modifications or non-standard adaptations. In many cases, we will have the correct patterns in stock for modifications; otherwise, we may ask for further information.

WARRANTY

Our shields are guaranteed against any and all manufacturing defects for a period of two years. In addition, if you are dissatisfied with your purchase in any way, just return the merchandise within thirty days of delivery and your money will be refunded.

CHARGES

We honor VISA and Master Card accounts, as well as C.O.D. orders. We honor purchase orders from established firms.