



# THE AIRPLANE FACTORY INC.

7111 BRANDTVISTA AVE.

DAYTON, OHIO 45424

## PLEXIGLAS HINTS

1. Cutting: An abrasive disc powered by a high speed drill, a Dremel tool, or a hand held circular saw is recommended. We have found that abrasive cut-off wheels of aluminum oxide or silicon carbide provide excellent cutting results. A six inch disc is available at most hardware stores for around \$3.50. A small grinding disc or Dremel saw disc will also give good results. Reciprocating saws like saber saws are not recommended and will probably break your canopy. A tool that progresses slow and hot to grind through the canopy is best. Tape a poly plastic cover on the canopy and mark your outline with masking tape. Never cut a cold canopy. Allow the canopy to warm to 70° or more for at least an hour. Don't allow the canopy to vibrate or chatter during the cutting or it may chip and crack. Support your canopy on a flat surface so it will not twist or spread during the trimming. Duct tape is handy to hold things in place. Remember: cut slowly, don't push the cutter. Let the tool do the work. Be sure to use eye protection. Plexiglas chips can be a problem in your eyes since they are clear and difficult to see.
2. Drilling: The drill should be ground off to a zero rake angle to prevent digging in, chipping and cracking the Plexiglas. A standard drill bit, ground with no cutting edge pitch, is a safe method of making holes. Be sure to make the holes oversize to allow for motion caused by thermal expansion and contraction. The drill bit should not be allowed to chatter or it will chip and break the Plexiglas.
3. Cleaning: A damp soft cloth or an air blast will clean the saw dust away. The damp cloth will also dissipate static electricity. To clean dirty plexiglas use plenty of water and a non abrasive soap or detergent. Dry with a clean chamois or soft cotton. Never use acetone, benzene, carbon tetrachloride, lighter fluid, lacquer thinners, leaded gasoline, window sprays or scouring compounds. Grease or oil may be removed with kerosene, white gasoline, naptha or isopropyl alcohol. Small scratches can be buffed out with "Mirror Glaze" HGH-17 and lot of rubbing. Hard automobile paste wax should be applied as a protective coating and buffed with a soft cotton flannel cloth. Do not use cheese-cloth, muslin or shop cloths, they scratch. For deep scratch removal, procure a hand polishing kit from a Plexiglas dealer or your canopy supplier.



Take advantage of discounted prices on our most popular products for this model, including:

- Cockpit, Canopy & Canopy/Nose Covers
- Engine Covers & Plugs
- Cockpit HeatShields
- Pitot Covers



Cozy Mk IV Canopy/Nose/Engine Cover,

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Cozy Mk IV Canopy/Nose/Engine



Cozy Mk IV Canopy/Nose/Engine



Cozy Mk IV Canopy/Nose/Engine



Cozy Mk IV Canopy/Nose/Engine



# Cozy Models Featured Cover Products from Bruce's



Cozy Mk IV Canopy/Nose/Engine Cover, travel weight design

Canard style airplanes can be difficult to fit because of construction variations in homebuilt aircraft. Consequently we design our covers to fit the individual aircraft using photos, measurements and customer input.



Cozy Mk IV Canopy/Nose/Engine Cover, travel weight design

Travel Covers are lighter and cheaper than our standard designs, perfect for occasional outdoor use. Use this product when the plane is away from the hangar, or as a dust cover inside the hangar.



**SCAN HERE to view these products - and more - online.**

## All About Bruce's

**advancing aircraft protection with a passion**

Bruce's Custom Covers is also Aircraft Covers, Inc. Since 1979 we have produced aircraft protection products of all types. Today our company produces over 20,000 highly specialized products for virtually every airplane, jet and helicopter, and every item is made here in our factory in Morgan Hill, California.



### Our core products are...

Cabin, Cockpit and Windshield Covers.  
Engine Covers.  
Wing, Tail & Empennage Covers.  
Helicopter Blade & Tail Rotor Covers.

### Additional products...

**Red Gear:** Engine Plugs, Pitot Covers & Related.  
**HeatShields:** Interior Sun Protection.  
**Insulated Engine Covers:** Deep Cold Engine Protection.  
**Light Weight Travel Covers:** Light & Compact.  
**Spandex Ultra Light Weight Covers:** Lighter & Smaller.  
**Shop & Hangar Safety Products:** Padded Protection.  
**Hail Protection Covers:** Prevents a Hail Catastrophe.

### Selected Products Price List as of 5/14/2021

Part No.	Name	Set of...	\$ (USD)
CZY-000	CANOPY/NOSE COVER	1	\$ 755.00
CZY-010	CANOPY/NOSE/ENGINE COVER	1	1,175.00
CZY-200	PROPELLOR/SPINNER COVER, 2 blade	2	695.00
CZY-800	TRAVEL COVER, Light Weight Travel Canopy/Nose	1	605.00
CZY-810	TRAVEL COVER, Light Weight Travel	1	935.00

**Want to learn more? Don't see what you want? We should talk!**



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Cozy Mk IV Canopy/Nose/Engine Cover, travel weight design

For older airplanes in need of protection while living outdoors, complete cover sets are available. Custom made for all or your plane's mods and modifications.



Cozy Mk IV Canopy/Nose/Engine Cover, 3D model

Bruce uses advanced 3D modeling techniques to develop the closest fitting covers possible for every make, model and modification.



Cozy Mk IV Canopy/Nose/Engine Cover, travel weight design

It is possible to completely winterize you aircraft with a full Winter cover set. These covers are custom made to match your aircraft's mods and modifications.



### Is there a Bruce?

Yes indeed! For over 40 years he has produced excellent aircraft protection with passion and precision.