

# FIBERGLASS COWLINGS

All parts are aircraft quality, hand layed for uniform thickness and light weight. Items are finished with grey primer gel coat which minimizes sanding and eliminates the need for primer paint.

Note: Light sanding is required to remove mold release wax residue from surface of all fiberglass items prior to painting.



## MC-1A NOSE COWL

Styled after the Piper Comanche, this cowl can be used on just about any homebuilt powered by the Lycoming engine. It is made in two parts, allowing the easy removal of the cowl without having to remove the prop. Used on the following airplanes: Starduster I and II, Playboy, EAA Bipe, Jodel D-11, Tailwind, Tempete & the Skybolt. Measures 35" wide by 21" high. Will accommodate a spinner approx. 12" in dia.

P/N 05-01186 .....

## MC-1B NOSE COWL

Similar in shape and dimensions as the MC-1A cowl except, it is manufactured as a one piece unit for those who prefer a cleaner front end. The MC-1B is a few inches larger than the MC-1A.

P/N 05-01181 .....

## MC-2 NOSE COWL

This design can be used with most any Continental or Lycoming engine. Used on the original Smith Miniplane but has been installed on the Pitts, EAA Bipe, Playboy, Flybaby & Baby Great Lakes. Measures 35" wide by 19.5" high. Face of center opening 8-1/2" O.D.

P/N 05-01182 .....

## MC-3A NOSE COWL

Suitable for just about any Lycoming powered aircraft, this cowl comes equipped with a bump that conceals the starter motor. It is the standard Pitts Special cowl but has been installed on these aircraft: Mong, Miniplane, Playboy, Emeraude, Playmate, Baby Ace, Junior Ace, EAA Bipe, Baby Great Lakes, Skyhopper and the Falconar F-11 & 12 series. Measures 35-1/2" wide and 22-1/2" high. Center opening 8-1/2" dia.

P/N 05-01183 .....

## MC-3B NOSE COWL

Same shape and size as used on the Piper PA-14. Can be used on the same aircraft as listed for the MC-3A design. For builders not wishing to use an electrical system and is seen on most Pitts Specials built for competitive aerobatics. 35" wide x 21" high. Center opening 9-1/4" dia.

P/N 05-01184 .....

## MC-10 NOSE COWL

For installation on Tailwind or Cougar. Used with 4" prop extension. Shape rounds out the boxy appearance of the standard design. Size: 35" w x 22.5" h. Has been installed on Starduster I and various Lycoming powered homebuilts. Face of center opening 11-3/4" O.D.

P/N 05-01185 .....

## MC-3C NOSE COWL

Identical to the MC-3B, but, has an opening for an oil cooler. Measures 35" wide by 21" high.

P/N 05-01186 .....

## MC-4 NOSE COWL

This nose cowl was designed for the T-18 pressure cowl system. A 4-inch prop extension is required and it is generally used with the MC-5 Bottom Cowl. Measures 36" wide by 20" high. Face of center opening 12-1/2" O.D.

P/N 05-00551 .....

## MC-7 NOSE COWL

Originally made for the Thorp T-18, this cowl has been used on several other types. The starter ring is enclosed when used with the Lycoming. Makes a nice front end on the CA-61 & CA-65. Measures 35"W by 19.5" high. Face of center opening 13-3/8" O.D.

P/N 05-01176 .....

## FLUSH LATCH

The Hartwell H-5000-2 is a unique spring-loaded, trigger action latch for cowl and access doors. Made of corrosion resistant steel. Rivet or spot weld to structure.

P/N 05-01881 .....

Surplus H-5100-2 Latches.

P/N 05-01113 .....



TOP VIEW BOTTOM VIEW

## DZUS COWL LATCHES

These Dzus "over the center" type latches are used extensively on cowl doors and other applications on aircraft such as Cessna, Piper, Grumman, and many homebuilts. Available in 2 styles as shown.

### MODEL #1



This latch provides 700 lbs. ultimate strength and 100 lbs. working strength. Pull up ability is 0.6 inch. Mounting holes will accept .156 in. diameter rivets or #6 round head screws. Material is steel, zinc plated with yellow chromate finish. Order strikes separately.

Part No.	Description Dimensions (closed)	Price Ea.
05-01187	Model 1 latch	.
05-01188	Strike	.
05-01189	Strike	.

### MODEL #2



This latch provides 220 lbs. ultimate strength and 45 lbs. working strength. Pull up ability is .2 inch. Mounting holes will accept .156 in. diameter rivets or #6 round head screws. Material is steel, zinc plated with yellow chromate finish. Order strikes separately.

Part No.	Description Dimensions (closed)	Price Ea.
05-01190	Model 2 latch	.
05-04183	Strike	.
05-04184	Strike	.

## BONANZA NOSE GEAR BRACE



These PMA approved replacements for the Nose Gear Brace are used in early Bonanzas. Most of these aircraft have severely corroded nose gear braces as a result of lightening holes that allow moisture to enter and collect in the bottom of the housing. Even dry country aircraft are found to have corrosion. This is because many of these aircraft have been repainted

and paint remover has entered the housing and is reactivated when water enters the housing during aircraft washing. Applicability: Model 35 D-1 thru D6561 Model 33 CD-1 thru CD-370 Old unit (core) must be returned. FEATURES: FAA/PMA Approved direct replacement part. • One piece aluminum stronger than OEM part. • Durable corrosion resistant white powder coated finish. • Weight increase of 4.56 lbs. beneficial for aft CG aircraft. • Completely improved design eliminates potential for any corrosion. • Upper and lower bronze bushings included. • Grease fittings included. .... P/N 05-02463 .....

AP