

## Bag-Eze™ Baggage Pods

Bag-Eze™ Baggage Pods are hollow composite pods that resemble drop tanks. They can be retrofitted to a completed canard style aircraft without the need for special load bearing hard-points. They literally hang from leading edge of the wing on a cuff that is held into place by a half dozen small fasteners threaded into inserts potted in the wing.



Although they have been primarily mated to the main wing of canard style aircraft, they can be mounted on conventional tractor aircraft as well – either under the wings or as a single pod on the bottom of the fuselage. Load bearing hard points may be required.

**History:** This style pod was first developed by the late Bruce Tifft of B&T Propeller fame for his yellow Vari-Eze. He called them B'eze Baggage.

Prior to Bruce Tifft making his B's Baggage commercially available, he was kind enough to share the design criteria with Gary Hunter and another Eze builder. At the time, Bruce wasn't sure if he was ever going to market them. Using Bruce's info, Gary produced a baggage pod that is virtually identical to his design. Since then, Gary has sold over 60 sets of Bag-Eze pods from Gary's original molds. Below are photos of the original kit and how they were boxed.



### **ORIGINAL BAG-EZE - SLOW BUILD KIT \* No longer available**

Over time, Gary has made a few minor refinements to the design to reduce weight, improve finish and ease assembly. They are now available ONLY as a Quick Build kit in which the molded halves are already joined. Below is the QB pod as delivered. Not a single slow build kit since the introduction of the QB pods hence, the discontinuation of the Slow build version. These pods work great on the Vari-Eze, Long-EZ, Cozy III, Eracer, and Berkut. Gary Hunter sold the Baggage pod business in December 2015 to Dale and Jacqueline Martin of Owl Eagle Aerial Composites. The Bag-Eze Pods are now offered the kits in Carbon fiber as well as E glass.



### **NEW BAG-EZE - QUICK BUILD KIT - "Bag- Eze 1" (Pictured Above)**

For larger aircraft like the Cozy MK-IV and Velocity, the new MK-IV™ baggage pod is available. These pods are proportionally larger in all dimensions and will consume an entire set of golf clubs including the bag. In addition, modern length snow skis and boots will fit inside with plenty of room to spare for other ski gear. They may also be used on the Long-EZ and Berkut and other designs.



### **BAG-EZE MK-IV - QUICK BUILD – Bag-Eze 2 (Pictured Above)**

**(MK-IV pods cont.)**

At first glance, these pods don't look much larger, but a 5 gallon solvent can will slide right into the opening. A table comparing dimensions of the Original Bag-Eze and MK-IV pods is towards the end of this info bulletin.

The **MK-IV** pods are molded in **three** sections – nose cone, mid-section / pylon, and a tail cone.

The primary reason for this is that it allows for a smaller more economical shipping package. As such, I can ship them via FedEx ground at fraction of the cost for motor freight. This is a huge savings for the builder. One side benefit is that without the nose cone in place, provides easier access to the **inside** of the pylon for laminating the BID plies that bond the pylon to the wing belt. So, as you can deduct, the nose cone is bonded in place last.



	<b>Bag-Eze</b>	<b>MK-IV</b>	<b>Δ</b>
Length Overall	76"	79"	+3
Useable Length (3.5" diameter object)	65.5"	70.5"	+5
Diameter at Max Chord Thickness	11.5"	13"	+1.5
Diameter of opening	10"	11.25"	+1.25
Pylon Chord Length	19.5"	22"	+2.5
Pylon Thickness	2.25"	3"	+0.75
Delivered Weight, each	7.25 lbs.	8.5 lbs.	+1.25
Finished Weight, each	9 lbs.	10.5 lbs.	+1.5
Maximum Capacity, est. each*	35 lbs.	40 lbs.	+5
Speed Penalty, avg.	5 mph	6 mph (est)	+1

\*provided gross weight and C.G. of the aircraft remains within certificated limits.

**PRICING / ORDERING / CONTACT INFO**

Quick Build Kits   Carbon Pods   Glass Pods

Bag-Eze 1	\$ 1,500	\$ 1,250	Domestic S&H - \$ 85	(International S&H – extra)
Bag-Eze 2	\$ 1,775	\$ 1,425	Domestic S&H - \$ 85	(International S&H – extra)

\*Kit includes 12 page illustrated assembly and installation guide. Each kit is made to order.

\*Please allow 3-4 weeks from time of order to delivery.

**HOW TO ORDER:** Mail Check or Money Order made payable to - **Dale or Jacqueline Martin**

To:     Dale Martin  
         P.O. Box 221  
         Lewiston, ID 83501

cell phone: 208-305-1022  
email:   niceez@gmail.com  
Shop Phone: 208-292-5897 with answering machine.