# Sailplane & Towplane Scale Model Kits

February, 2011

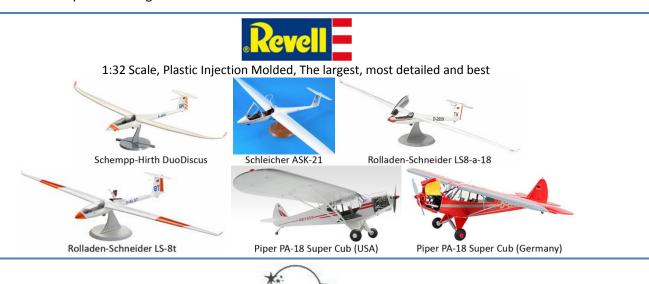


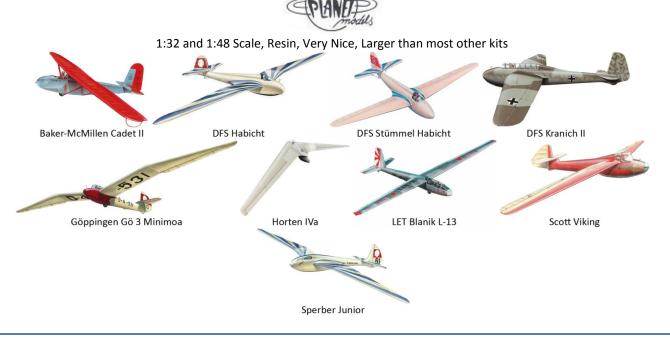
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#### Overview

I have long been a fan of scale sailplane models. A nice sailplane model, like any work of art, is enjoyable to look at. Sailplanes are certainly elegant and efficient machines. When I look at a sailplane model, I see the lovely long wings, and the purpose built aerodynamically optimized fuselage, but I also see the history of that particular sailplane. Every sailplane type has an interesting history. There was a person, or group of people, or company that put their hearts and minds into the development of that particular sailplane. It may have been the descendent of many, similar (or quite different) sailplanes in a long line of sailplanes. I see all that when I look at a scale model sailplane. I also see the potential for adventures to come. I see the cross-country soaring flights that await me in the future.

I guess I'm passionate about sailplanes and sailplane models. You will notice that when you visit my Scale Models web pages. I have spent a lot of time documenting each model kit. There are photos of the model parts, a scan of every page of the assembly instructions, photos of finished model kits and photos of the full-size sailplanes the model is patterned after. You will also find historical information about the sailplane type. I try to add value with model building and terminology tips and links to web sites with tips on building scale models.







## 1:48 Scale, Resin, Very Nice, Larger than most other kits





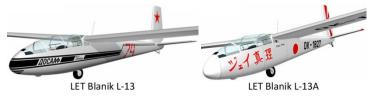
# HERITAGE AVIATION MODELS Ltd.

1:48 Scale, Resin, Nice, For experienced modelers





1:72 Scale, Plastic Injection Molded, Very small but very nice, Easy to build



#### A Great Way to Promote Soaring

Sailplane models are more than just fun to look at. Sailplane models can be a great tool for introducing the sport of soaring to others. Sailplane models look great hanging over or sitting on your desk at work, or sitting in a display counter at the local gliderport. They are a great way to encourage friends and colleagues to ask you about soaring. Just think how many more people would ask you about soaring if you had one of these models prominently and proudly displayed! Model sailplane kits are also a great way to promote soaring with kids. Building a model glider is fun and a kid that hangs a glider from his bedroom ceiling is more likely to get into flying gliders in the long run. Buy one for your kids and grandkids and nephews and nieces - and help them build it. I sincerely believe that glider model kits are a great way to introduce kids to gliders.



#### Czech Master Resin

1:72 Scale, Resin kits, Very small, but nice. Some kits are very detailed. Many interesting kits, For experienced modelers



# Not a Model Builder - Not a Problem!

The model kits on these pages are fun and rewarding to build. But let's face it; some of us don't have the time or skills to build a model that we would be proud to display. That is not a problem. You can have a model built for you.

#### **Professional Model Builder**

I have established a relationship with a professional model builder. He can build any of the kits on these pages for you. I'll send the model kit directly to him and he'll build it and send it to you. The finished product will look great and the cost is reasonable. There are links to examples of his work on my scale models web page.

## **HPH Models**

HPH builds scale models of just about any aircraft. You can expect to pay between \$600 and \$1200 for a detailed scale model of your sailplane. They are worth every penny. You can see details and photos on the next page.



HpH in the Czech Republic is known for their incredibly detailed finished scale aircraft models. They are also the manufacturer of full scale sailplanes. Their models are not unassembled model kits, they are detailed finished models. Each model is made to match the original full-size aircraft - including paint schemes, contest and registration numbers, and cockpit details. HPH sailplane models are all done in the 1:25 scale - which makes them larger than all the model kits listed above.



### **Model Sizes**

There are several different scales used in these model kits. The larger the scale number, the **smaller** the model. The 1/72 scale models are quite small. The table below can be used to get an idea of the actual sizes of the different scale gliders. I don't want anyone to be shocked to find an extremely small model upon arrival. Examples: The 1:32 scale Revell DuoDiscus model has a wingspan of 24.6 inches (62.4 cm). The 1:72 scale Czech Master Resin kits have wingspans ranging from 3.3 inches (8.3 cm) to 10.9 inches (27.7 cm).

Scale Size Chart				
Full Size Glider Wingspan	1:72 Scale	1:48 Scale	1:32 Scale	1:25 Scale
15 m	20.8 cm	31.3 cm	46.9 cm	60.0 cm
(49.2 feet)	(8.2 inches)	(12.3 inches)	(18.5 inches)	(23.6 inches)
18 m	25.0 cm	37.5 cm	56.3 cm	72.0 cm
(59.06 feet)	(9.8 inches)	(14.8 inches)	(22.1 inches)	(28.3 inches)
20 m	27.8 cm	41.7 cm	62.5 cm	80.0 cm
(65.62 feet)	(10.9 inches)	(16.4 inches)	(26.6 inches)	(31.5 inches)
26.5 m	36.8 cm	55.2 cm	82.8 cm	106.0 cm
(86.95 feet)	(14.5 inches)	(21.7 inches)	(32.6 inches)	(41.7 inches)