

# Scale Soaring UK

The forum for all your modelling requirements relating to scale gliders  
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## Lippisch Storch 5

<https://scalesoaring.co.uk/phpBB3/viewtopic.php?f=12&t=1797>

### Re: Lippisch Storch 5

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by **john greenfield**

Posted: **26 Oct 2017, 09:03**

The previous posts have brought the build up to date. Details on the wings to finish off now and then make a start on the fuz.

AEB

### Re: Lippisch Storch 5

by **john greenfield**

Posted: **26 Oct 2017, 09:01**

Now on with the strut mounts and the long job of gussets and cap strips. Top sheeting is 0.6mm ply and all the underside 0.8mm ply.



### Re: Lippisch Storch 5

by **john greenfield**

Posted: **26 Oct 2017, 08:52**

Wing sheeting is started to stiffen up the wing before the spars are cut through to separate the parts of the wing.



### Re: Lippisch Storch 5

by **john greenfield**

Posted: **26 Oct 2017, 08:50**

Construction of the wing continues with the internal bracing



## Re: Lippisch Storch 5

by **john greenfield**

Posted: **26 Oct 2017, 08:48**

With the spars complete and with the wing joiners built in to split the wing panels in two at a later stage the ribs were built up. The outline in 3mm lite ply but with the internal structure built up from 3 x 4mm douglas fir. This makes for a very light but strong rib.



## Re: Lippisch Storch 5

by **john greenfield**

Posted: **26 Oct 2017, 08:45**

With the design sorted construction can start. First job is to make up the spars.



## Lippisch Storch 5

by **john greenfield**

Posted: **26 Oct 2017, 08:43**

Well, here we go with the next project. Alexander Lippisch was a devotee of flying wings and maybe best known as the designer on the ME 163 rocket fighter but earlier in his career, he experimented with gliders and a powered glider, the Storch 5. This is the model I have decided to build at 40% scale. The size was determined by the need for it to break down into small enough pieces to fit in a box that can be carried on an airliner as normal luggage.

The model will feature a "scale" form of construction as far as possible.

Work starts with drawing up the model in CAD



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