



BUILDER SPECIFICATION UPDATE NO 10

GC32 – Bottom bearing cylinder

Revision:

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20-11-2017	First Version	SD
27-12-2017	Last Version	LL
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This update and information is given in accordance of the GC32 Class Rules.

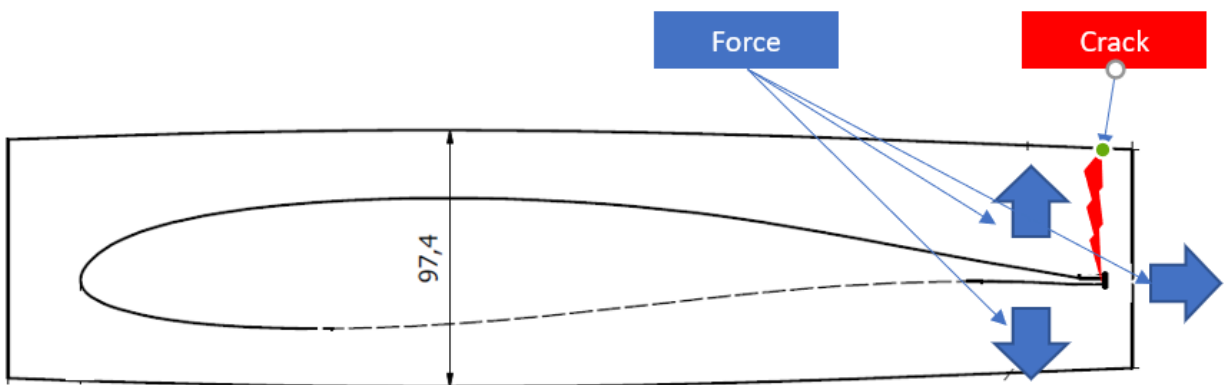
Goal:

Originally the bottom bearing cylinder were milled in one piece. Due to high dynamic load, the bearing could easily crack at the back of the bearing.

Beginning of 2017, TGC modified the bearing by to increase the life span of this wearable part.

Issue:

The back of the bottom bearing is relatively small and as the trailing edge of the foil is pushing and cutting the back of the bearing, it decreases the structural integrity of the bearing. Also it is very difficult to create a clear end at the trailing edge of the board. At last the material used is for the bearing is weak.

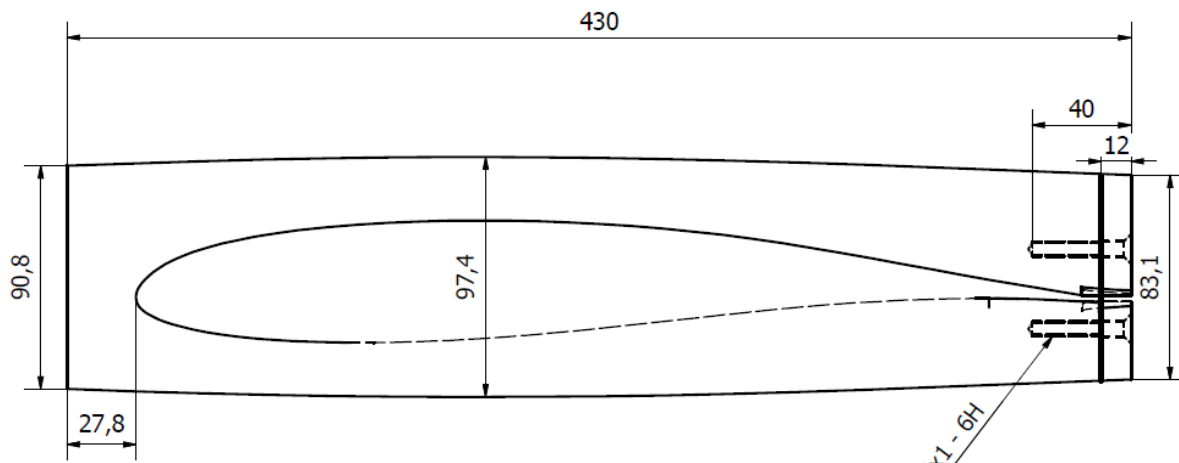


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Solution

- The back of the cylinder is getting chopped and the back plate is then reattached with 4 deep screws in order to increase the lateral strength of the bearing.
- The bearing material is made Ertalyte instead of Nylon.
- It is allowed to change the aft end disk with a different material but the external dimension of the end disk should be respected.



Procedure:

- TGC is already providing the new bottom bearing cylinder.



Annex

