



- Subject : Installation of a small tailwheel
- Effectivity type: LS sailplanes, variants LS4, LS4-a or LS4-b.
- Accomplishment : None, optional retrofit
- Reason : Optionally a small tailwheel type Tost Mini 150 6PR may be installed instead of the tail skid or of the 210x65 tailwheel.
- Instructions : 1. Installation of a small tailwheel type Tost Mini 150 6PR according to working instruction for small tailwheel LS4, -a, -b  
a) If already a tailwheel 210x65 was Installed:  
drawing BR-271.  
b) If a tailskid was installed:  
drawing BR-270  
2. Exchange the following manual pages against new pages issued September 2022 marked with TN4053. Respect the changes marked in the right hand margin.  
Flight manual LS4: 0-5, 0-6, 3-4  
Flight manual LS4-a: 1-1, 1-2, 2-7, 4-1  
Flight manual LS4-b: 0-1, 0-2, 4-3  
Maintenance Manual LS4: 0-2, 0-6, 7-2, 7-4, 7-5.
- Material : Manual pages see instructions.  
Working instruction for small tail wheel for TN 4053.  
Retrofit kit Part. No. 45009970 incl. drawings BR-270 and BR-271.  
  
Further material see list in working instruction for small tail wheel f. TN4053.
- Weight and balance : After executing the instruction described in this technical note execute a weight and balance determination and file a new weight and balance report.
- Remarks : Manual pages and working instructions will be shipped with the material.  
  
Use only genuine spare parts.  
Parts (except for standard parts) and material kits shall only be installed if an EASA Form 1 is existent for these products.  
The DG invoice is valid as "Certificate of conformity" for standard parts.  
  
All instruction  
1. EASA registered aircraft: The pilot/owner is not allowed to perform the actions. The actions have to be performed and released according to ML.A.801 (b) 1.  
2. Non EASA registered aircraft: The actions have to be performed in a licensed workshop. All instructions are to be inspected and entered in the aircraft logs by a licensed inspector.  
  
If you have any questions concerning this TN please contact DG Aviation:  
Tel.: 0049 7251 3020-0, e-mail: [dg@dg-aviation.de](mailto:dg@dg-aviation.de)

Bruchsal, date:  
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Author: W. Dirks

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