



- Subject : Push rod connector LS4-b
- Effectivity type: LS Sailplanes  
variants: LS4-b
- Accomplishment : Instructions 1 to 3: before next flight  
Instructions 4 and 5: until June 30, 2018
- Reason : A lateral load on the air brake push rod leads to a load on the junction (see diagram on the right of MM LS4 p. 1-5). This may lead to failure of the riveting or welding of the junction. To correct this problem, a swivel will be installed similar to LS4-a.
- Instructions : 1. Inspect the air brake junction 4R10-11 for cracks in the welding and check if any rivets connecting 4R10-11 and 4R6-72 to be loose. In order to do so, derig the glider, remove the baggage compartment floors and inspect the part visually with mirror and flash light. In the next step rig the glider and repeat the inspection while locking the air brakes.  
2. If cracks are detected, instruction 4 has to be executed before the next flight and 4R10-11 has to be exchanged as well.  
3. If loose rivets have been found, instruction 4 has to be executed before the next flight.  
4. Installation of the swivel according to installation instructions TM4048 FE-33-01-01a and drawing BR-267.  
5. File the TN to the aircraft logs.
- Material : Drawing BR-267, installation instructions TM4048 FE-33-01-01a and the material listed therein.
- Weight and balance : Influence negligible
- Remarks : 1. EASA countries: The actions have to be performed according to the regulations of the Part M in an approved maintenance organisation and released according to M.A.801.  
2. Non EASA countries: 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  
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Bruchsal, date:  
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