

- Subject : Exchange of the spherical bearings SSC 6 in the bell cranks of the parallelogram control column
- Effectivity : All DG - single seaters
- Accomplishment : In case of excessive free play in the parallelogram control column
- Instructions : 1. Disassemble the control stick.  
2. To pull out the bearing SSC 6 the securing ring St 5a/6 must be removed. Therefore weaken the ring by grinding or filing so that it can be removed.  
**Be careful not to damage the bell crank St 4.**  
3. To remove the bearing SSC 6 install the puller assembly as shown in drawing W 45. Pull out the bearing by tightening the nut W 45/3.  
4. To press in the new bearing use the puller assembly in the opposite direction. Check the bearing for easy movement. Stiff movement can be eliminated by introducing a 6 mm bolt into the bearing and moving the ball of the bearing in all directions.  
5. Install the new securing ring St 5a/6 with the tool W 46 as shown on drawing W 46 on the upper left hand side. There should be no free play between bush and bearing.  
6. Secure the ring St 5a/6 with the tool W 46 as shown on drawing W 46 on the upper right hand side.  
7. Reinstall the control stick. Use new self-locking nuts M6 DIN 985-8.8zn.  
**Warning:** Assemble the bolt for the aileron control pushrod from the lower side (nut on top), otherwise there is the risk that the control column may be blocked.
- Material : 2 spherical bearings SSC 6  
2 securing rings St 5a/6  
3 self-locking nuts M6 DIN 985-8.8zn  
drawings W 45 and W 46  
Tools: 1 puller assembly W 45 /1, 2, 3  
1 press tool W 46  
2 washers 6.4 DIN 125 St zn  
1 bolt M6 x 90 DIN 933-12.9
- Remarks : All instructions are to be executed by the manufacturer or by a licensed workshop and to be inspected and entered in the aircraft logs by a licensed inspector.

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