

## Cherry BX-2 Supplement # 10

### Nose landing gear – lever-arm-inspection D 014

Recently a defect occurred during the extension of the landing gear prior to the landing on the prototype HB-YBX. Following a functional check on the ground a crack in the lever-arm D 014, pos 1+2 was discovered. The CrMo tube (pos 1) was purchased in the USA with a wall thickness of app. 1 mm. The drawing D 014/3 was given the index 3 in Nov. 2001 increasing the thickness for pos 1 and 2 to 1.5 mm.

To avoid a nose landing gear-collapse, the following measures are ordered for planes build according to the drawings D 014/1 and D 014/2.

- At 50 and 100 h checks, the weld between the tubing and the lever-arm is to be cleaned and a visual inspection for cracks to be performed.
- This procedure is to be added to the AFM for affected planes.

To avoid this inspection-procedure, replace the lever-arm with an new one build according to D 014/3 (job for the winter).

18. Juli 2008 Max Braendli