

## SERVICE BULLETIN

### KAIR12002 – Undercarriage Skypper and Tanarg

LANAS 27 June 2012

**SUBJECT:** Verification of condition of undercarriage tubes  $\varnothing 25 \times 1.2$  securing the connection rod bearing.

**Aircraft concerned:** Trikes Skypper and Tanarg according to serial number.

#### Inspection and action items:

- Following a defective lot of tubes  $\varnothing 25 \times 1.2$  used only in the manufacture of soldered undercarriages for the Tanarg and Skypper, it is mandatory to check, on the listed trikes, the condition of the soldering of the cylinder at the end of the tubes, this on both of the tubes securing the connection rod bearing (drawing 1). If the welding inside the tube is uninterrupted, there is no problem (photo 1). If the welding is interrupted (photo 2), then the undercarriage must be replaced. In order to continue flying, during the time it takes to receive a replacement part, it is however possible to re-solder (TIG) inside the tube with more metal (photo 3). Finally, if the welding is interrupted, but the welding is maintained by the assembly welding of the main tubes, then it is not necessary to change the undercarriage (photo 4, where the welding is on the opposite side).

Dessin N°1 / Drawing N°1

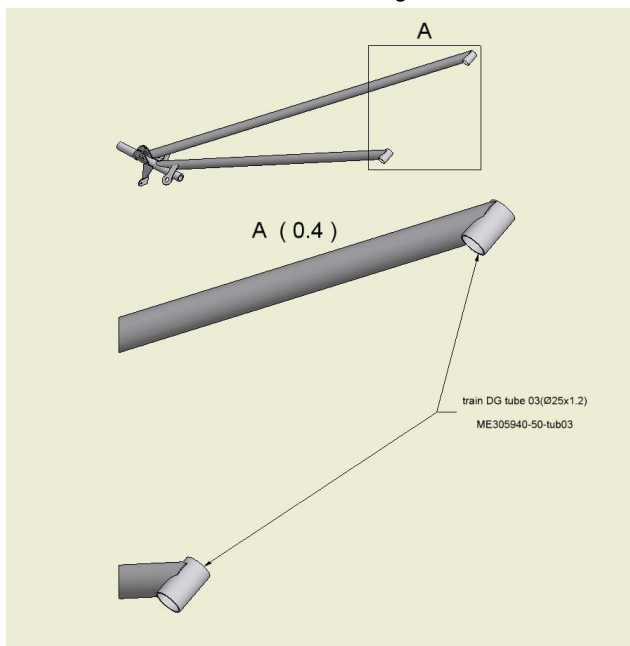


Photo N°1



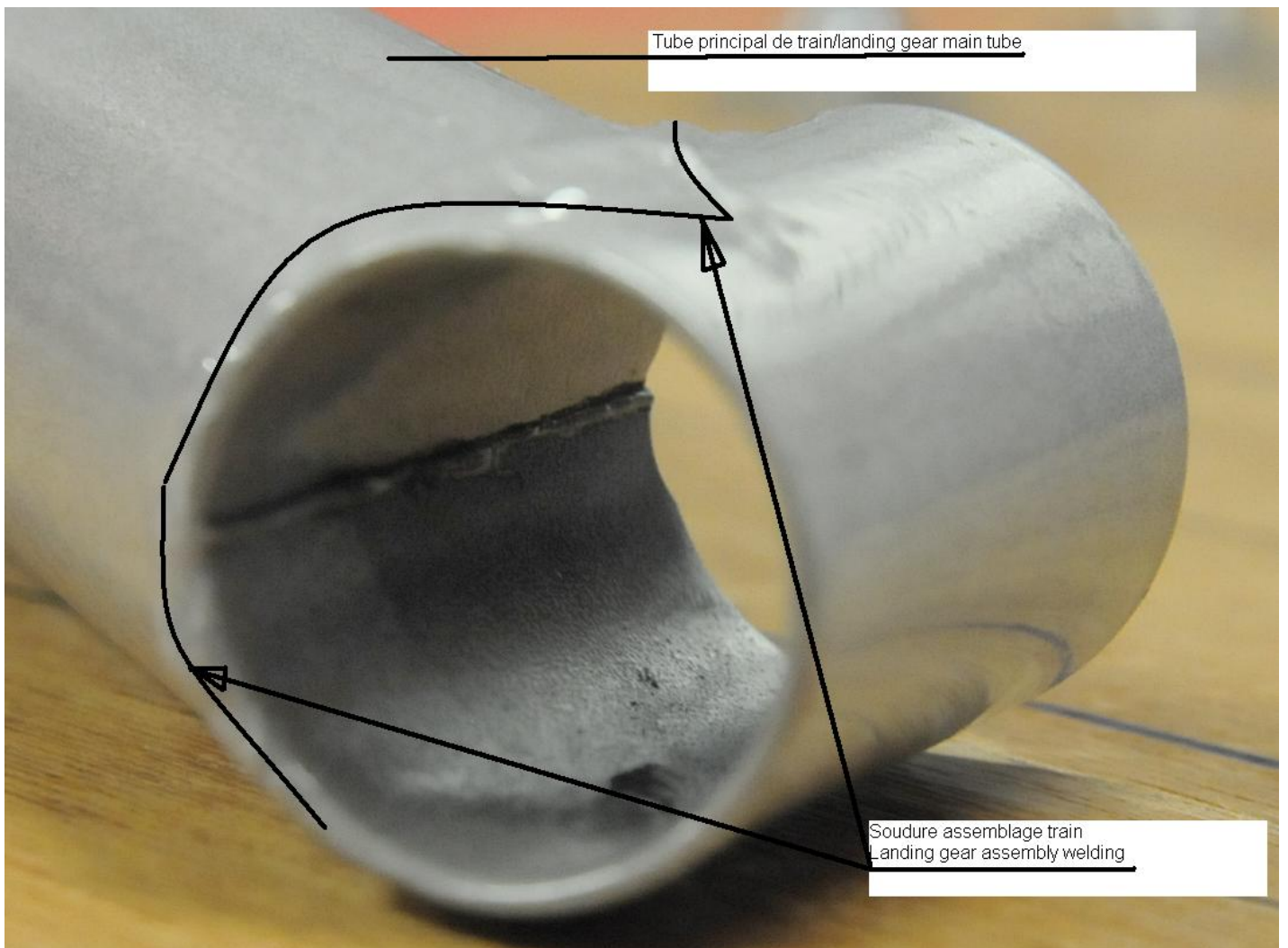
Photo N°2



Photo N°3



Photo N°4



Tube principal de train/landing gear main tube

Soudure assemblage train  
Landing gear assembly welding