


- Subject:** Installation and Inspection Instruction for Flexible Fuel Tanks ("Working Instruction No. 32")
- Applicability:** all flexible fuel tanks in Schleicher aircraft
- Installation:** The installation space must be free of sharp edges (e.g. protruding glue). Check carefully for smooth contact surface.
Installation and connection is done according drawings respectively maintenance manual of the affected aircraft type. The flexible fuel tanks are fixed at the intended eyelets, a further cushioning or support is not necessary.
The fuel filing and withdrawal is done according to the descriptions of the corresponding aircraft type (e.g. flight manual).
- Inspection:** annual
- Check fuel tanks, hoses und fittings for leakages and damages.
every 2 years
- Disassemble fuel tanks.
- Check fuel tanks, hoses and fittings for damages.
- Perform a leakage test using a pressure of 0.4 bar (air); the pressure must not be dropped after 10 min.
- Check opening pressure of the pressure relief valve in the vent line: 80 – 150 mbar
- *only Heimann Ta 90 Combi and Streifeneder 298.62.0204*: test pressure 0.25 bar. In addition check outer shell for leakages using small overpressure and submerge into water; evacuate the outer shell afterwards.
- Service Life:** see Maintenance Manual Chapter 4

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