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# **Modification to fuel tank & gauge vents**

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**Classification - Highly recommended**

**Applicability - All Europa aircraft**

**Compliance - Not applicable**

## **Introduction**

**The fuel tank and fuel sight gauge vents are arranged pointing forward to ensure that the tank and sight gauge are at the same pressure, and that there is no negative pressure in the tank relative to static. To minimise pressure changes due to changes in engine power or airspeed it is desirable to avoid any pitot pressure in these vents. The modification below achieves this.**

## **Action**

**In each of the vent tubes drill two holes 3mm (1/8") diameter, one above the other, at the back of the vertical section of the tubes, the lower hole being just above the fuselage top surface.**

**Annotate the aircraft technical record - Mod 38 incorporated.**