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## NOTIFICATION

#0001

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**RELEASE DATE:** 26/11/2015

**EFFECTIVE DATE:** 26/11/2015

**SUBJECT:** MGL OAT probe grounding.

**MODELS AFFECTED:** Sling LSA, Sling 2, Sling Taildragger and Sling 4

**COMPLIANCE TIME:** Next major periodic inspection

**PURPOSE:** To verify that the OAT probe is grounded to the airframe of the aircraft to ensure that no false data is sent to the Efis due to static build up.

### PARTS/EQUIPMENT LIST:

QUANTITY	PART DESCRIPTION
1.5m	18 Gauge electrical wire
1	4mm ring terminal
1	10mm ring terminal
1	Crimping pliers
1	Wire stripper
1	Depending on the size of the oat that is installed on the aircraft will determine the size of the spanners required to remove and refit the OAT probe

## INSTRUCTIONS:

This Notification only applies to aircraft fitted with MGL Instrumentation.

1. Visually inspect the outside air temperature probe from the inside of the cockpit. Verify whether the probe has been grounded or not.
2. If the OAT is grounded this Notification does not apply. Should the OAT probe not be grounded it is recommended that it be grounded
3. Using the grounding wire, visually measure the distance from the OAT probe to the ground bus of the aircraft.
4. Cut the wire so that it is the desired length to reach the ground bus.
5. Strip 5 mm of the insulation off of each side of the wire and crimp the ring terminals to each end.
6. Attach the 4 mm ring terminal to the ground bus.
7. Unscrew the OAT probe so as to slide the 10 mm terminal onto the probe.
8. Tighten the OAT probe to ensure a tight fit.
9. Notification of this service bulletin needs to be sent to the Airplane Factory (Pty) Ltd. Please make use of the following contact details: [Airworthiness@airplanefactory.co.za](mailto:Airworthiness@airplanefactory.co.za)



Figure 1: Grounding wire attached to the OAT probe