

Safety Bulletin :- Noise Testing procedure improved guidance

Following a serious injury received when a propeller detached while an aircraft was being tested for noise, new recommendations have been issued to help mitigate this risk.

- 1) Always check the security of the propeller before conducting any noise testing.
- 2) Use a tripod mounted sound level meter (SLM) with a memory function that can store the maximum A weighted sound pressure reading.
- 3) Use a “catch” net (see picture below) placed at the midpoint between the aircraft and the SLM. We have conducted trials using cricket practice netting 2m by 2m constructed of 50mm (2") square mesh black polyethylene of 2mm gauge (cost 12.90 inc P&P) . (www.knowlenets.co.uk/leisure/cricket.htm)
Trials showed no significant effect on the SLM measurements

