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694-6/108


10 May 2004

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Asso. Professor Tan Cher Ming
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**LETTER OF APPRECIATION FOR ASSISTANCE RENDERED IN
FAILURE INVESTIGATION AND ANALYSIS**

1. I would like to express my sincere appreciation for your invaluable assistance in the recent failure investigation of the Nose Landing Gear Micro-switch of our A-4 Skyhawk aircraft.
2. As a result of your personal guidance in the usage of the scanning electron microscopy, we were able to locate the exact point of initiation on the fracture surface of the micro-switch and determine the physical root cause. This finding will be invaluable in identifying its Failure Mode and allow us to carry out an effective Root Cause Analysis. Consequently, we can improve the reliability, the flight safety and operational readiness of our A4 Skyhawk fleet.
3. But more importantly, through your guidance and personal engagement, you have also increased the experience level of our engineers, which is important in the initial start-up of the Electrical Failure Analysis (EFA) capability that we have initiated.
4. Thank you very much.


COL Khoo Beng Keat
Commanding Officer
Air Logistics Squadron.

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Deputy Head Air Logistics (E & W)
OC EIF