



Academic Qualifications

- Advanced Diploma in Engineering
- Cert IV in Training and Assessment
- HNC Business Information Systems

Other Qualifications

- Certificate of Education (UK Teaching Qualification)
- National Education Board of Supervisory Management Diploma

Areas of Expertise

- Technical Writing
- Training and Assessment
- Level of Repair Analysis (LORA)
- Maintenance Task Analysis (MTA)
- Failure Mode Effects Criticality Analysis (FMECA)
- Reliability Availability Maintainability (RAM) Analysis,
- Logistic Support Analysis (LSA)

NAME: Phil Hutchison

ROLE: ILS Consultant

SECURITY CLEARANCE: RESTRICTED

Phil has over 33 years experience in the maintenance and training environment in the Defence sector. He has been with LES for six years since his migration from UK following a highly successful 27 year career in the Royal Air Force as a Propulsion Technician.

In 2010/11 he worked as a Technical Author, writing an Operation and Maintenance Manual for a Deployable Aircraft Maintenance and Logistics Hangar to meet RAAF documentation requirements. For most of 2009, Phil was working on the Australian Super Hornet project specifically responsible for the technical authoring of the flight servicing and scheduled maintenance procedures to meet RAAF maintenance requirements.

Previous consulting assignments have included creation of ILS Deliverables for the Project Protector fleet of vessels for the New Zealand Navy. Phil was solely responsible for all propulsion, drive train elements and power generation for three classes of vessel from the large troop carrying multi role vessel to the smaller inshore patrol vessels. The ILS deliverables included the technical reviewing of OEM documentation and subsequent conversion to Navy Publications. He also carried out Maintenance Task Analysis (MTA), LORA and FMECA for the propulsion and power generation systems on all three vessels. During 2009/10 Phil returned to BAe Systems to complete the ILS deliverables required following a major series of modifications for the crane fitted to the Offshore Patrol Vessel and to deliver a Level of Repair Analysis (LORA course).

Another consulting role saw Phil as a crucial member of a team completing a safety maintenance review on four of the largest ships in the RAN. This work involved the review of current maintenance practices and the recommendation of revised processes that were fully compliant with the latest AS/NZS standards.

During his 27 years of RAF service, Phil had many varied roles from gas turbine testing and repair for small fighter aircraft to engineering operations controller for the E3D Sentry fleet. He also had roles as the manager of engineering records for a large RAF unit and culminated his RAF service as the Subject Matter Expert for gas turbines for the RAF No 1 School of Technical Training, leading the team of instructors delivering training to all aircraft maintenance technicians employed by the Royal Air Force. These many years of experience in the field of maintenance and maintenance management on complex aircraft systems have given him the skills and knowledge to approach any engineering task with confidence.