

Curriculum Vitae

Alan Robert Jupp

Strengths & Skills:

- Proven ability to run successfully his own small consultancy business PlaneTorque Australia Pty Ltd since accepting a redundancy from Pearl Aviation Australia Pty Ltd in late 2003. Services covered include (Both in country and overseas) Import/Export CoA's, Valuations, Compliance Audits (Both as an individual and as a Lead Auditor of a team), Investigations, Technical writing, contracted Quality/Safety Managers roles.
- Innate ability to think outside the square should a situation require it. As demonstrated by the design of a staff data base, which resulted in an efficient tool for H.R. use covering over 230 staff of all disciplines.
- Demonstrated ability to work as a team winning large and complex tenders in such areas as Australian Coastwatch (18 aircraft of three types) and Flight Calibration (Two aircraft two types). The combined profit from these examples was many millions of dollars.
- Previously responsible for the macro management of over 30 line engineers in various locations around Australia. Adaptable, approachable, firm but fair, yet possess overall an easygoing jovial personality. Assisted staff during periods of high stress from family related issues where my counsel was useful in allowing them to better deal with the issues at hand.
- Effectively communicate to junior staff, my peers, executive management and clients.
- Demonstrated ability to investigate incidents or accidents, report causes impartially and make recommendations that impact positively and significantly on safety of flight, as demonstrated by a Mallard G73AT wheels up landing. Final resolution being significant modifications to aircraft's hydraulic system.
- Expect only quality work from my team (Whoever they might be) and myself. In the area of aircraft records this is extremely important.
- Developed a CASA approved alternate log book system that not only saves time but is extremely detailed. This results in an ability to pass audits and where necessary more easily sell aircraft.
- Possesses a detailed understanding of Quality Management Systems to ISO9002 and is a qualified Lead Auditor. Audits are vigorous and always add value to various processes.

Personal Details:

Name : Alan Robert **Jupp**

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Beechboro,
Western Australia 6063

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Web Site : ptaus.com.au

Date of Birth : 10th January 1949

Place of Birth : Caterham, Surrey, England

Citizenship : Australian

Marital status : Widow - Two adult children and four grandchildren

Wife : Ann Margery **Jupp** (Deceased 2014)

Professional Associations:

Member of the Royal Aeronautical Society - Grade: MRAeS (1971)

Qualifications

- Holder of Australian Aircraft Maintenance Engineers Licence (First issued 23/12/75) Licence number L290048. (Copy available upon request)
 - o A1, A2, A3 & A4
 - o B1.1 various ratings
 - o B1.2 various ratings
 - o B1.3 various ratings
 - o B1.4 various ratings
 - o C various ratings
- Previously held Malaysian Aircraft Maintenance Engineers Licence M867 Covered Bell 47, Bell 206, Beechcraft B200 & GAF Nomad
- University of NSW trained Incident & Accident investigator (2003)
- West Australian Drivers licence A, B & L
- Diploma - Supervision and Human Relations (1986)
- SGS Lead Auditor (1996)
- Holds CASA Instrument of Appointment to issues Certificates of Airworthiness, Export Certificates and Special Flight Permits (since 2005). Instrument extended to include Light Sport Aircraft CoA issue (2006). 1-18DHH Issue # (Renewed every two years)
- Awarded Maintenance Reliability Certificate – 100-Level MRC Human Factors Training by Convergent Performance of USA (2009)
- CASA Drug & Alcohol Management Plan – Supervisor Skills (2010)
- CASA Remotely Piloted Aircraft licence (2016)

Achievements:

- ✈ From June 2019 to date: Owner/Managing Director of Supergran Pty Ltd. A Family Focused Mediation Service Approved as CASA approved Company Chief Remote Pilot (2016)
- ✈ Granted Honorary Life Membership of the Australian Eurasian Association of Western Australia (2010) for services rendered to the association.
- ✈ CASA CoA instrument extended to cover all aircraft weights. (2014)
- ✈ Designed a very cost effective aircraft maintenance control database that meets and in some places exceeds CASA requirements.
- ✈ CASA instrument extended to include issue of CoA's for Weight Shift LSA.
- ✈ Published unique non-complex CASA compliant aircraft maintenance logbook. A version of which is now the official maintenance log book for the Australian Sports Aircraft Association.
- ✈ Designed a useful Australian Airworthiness Directive audit/review database. This dB is capable of allowing qualified LAME's to establish ALL current AD's for any given Australian aircraft in minutes, rather than the often laborious and long winded normal methods. This service is offered FREE to clients.
- ✈ CASA instrument extended to include issue of CoA's to new category of Light Sport Aircraft. Processed under CASA supervision the 1st LSA in Australia (VH-CDR).
- ✈ Gained CASA instrument to issue CoA's, Export Certificates and Special Flight Permits. (2005)
- ✈ Awarded Maintenance Reliability Certificate – 100-Level MRC Human Factors Training by Convergent Performance of USA (2009)
- ✈ Set up own aviation consulting company PlaneTorque Australia Pty Ltd (ABN 23 104 977 942) in July 2003. Specialising in assisting clients reduce operating costs on turbine engine repairs/overhauls, aircraft pre-purchase inspections, auditing, complex tender preparation, technical writing (MOM, SOM etc.) and investigation of incidents/accidents.
- ✈ A key member of a highly successful and respected aviation management team (Pearl Aviation Australia Pty Ltd) controlling approximately 24 aircraft at many locations around Australia and sometimes deployed overseas. Particularly proud of professional relationship with CASA.
- ✈ Designed engineering systems, forms and aircraft maintenance systems. Saved upwards of A\$20,000 a year per aircraft type (1991-2003).
- ✈ In 1991 designed the core features of a cost control system for all expenditures other than fuel and wages on a fleet of 50 aircraft. Save the company from closing its doors in 1991. We went from a A\$700 loss to a A\$2M profit in under one year.
- ✈ Analysed the costs and presented reports that have been actioned resulting in significant savings in the area of maintenance labour costs (External vis Internal) and in Darwin this has resulted in an estimated A\$250,000 per annum saving.
- ✈ A similar report for Heavy maintenance is estimated to save in the region of A\$3M over a five year period.
- ✈ Part of the quality management team that designed and use an ISO9002 system that was continually improving and saving an estimate A\$50,000 per year.
- ✈ Designed and implemented in house databases/spreadsheets for analysis/management use, for areas such as:
 - ✈ Pilot applications, qualifications and experience log database, which subsequently expanded into a full staff dB – Saving an estimated A\$5K per annum over manual methods.
 - ✈ Expenditure control database (Used for engine high cost control/reporting). Instrumental in achieving savings in the order of US\$30K to US\$80K per engine event.
 - ✈ Document distribution and control database (Meets ISO9002)
 - ✈ EXCEL spreadsheet that uses the "Hella" Cost Benefit analysis principles. This was partially responsible for us winning the Flight Calibration contract. This contract, now operated by sister company AeroPearl has a positive impact on the group's bottom line in the order of A\$500K per year.
 - ✈ Access dB for risk management

- Access db for Australian Airworthiness Directive review/certification

Computer Skills:

- Microsoft Office Professional suite (Used daily)
- MSPROJECT (Prev. used frequently) {Attended Computer Power 3 day course}
- ATSB (BASI) Indicate data base. Continuous improvement and safety dB. Highly modified. (Prev. used daily).
- SMS-Pro™ – ICAO compliant Safety Management System data base (Used frequently)
- Air Maestro – Safety Management data base
- IAS Aircraft Maintenance/Stock Control Computer System (Prev. used daily)
- Pratt & Whitney Canada ECTM (Prev used frequently)
- WordPress – (Used frequently in the ongoing management of PTA web site)
- FreeCAD - Basic 3D CAD package. (Used infrequently)
- TalentLMS – Design training courses for aviation clients (Used frequently).
- TeamViewer – Remote aid to clients with IT issues and/or present material for training.
- Final Cut Pro X – Video editing application, used for aerial images.
- Company You Tube Channel - <https://www.youtube.com/channel/UCeftVBjF1D8vkHr4LtO8ceg>
- Facebook - Used to keep up with grandchildren & friends.
- WhatsApp – General comms with clients & friends.

Hobbies and Other Interests:

- Family, grandchildren and friends
- Golf (Handicap still at 26 – don't play enough!)
- Reading - both fiction and non-fiction
- Computers - gaining additional knowledge in any area.
- Travelling, Meeting people, Movies & Eating Out
- I have held various positions in the Australian Eurasian Association of WA Inc, a non-profit social organisation.
- Flying my Remotely Piloted Aircraft both for fun and commercially.

Referees:

A list of referees is available upon request.

Education:

When	Where	Subjects Taken	Qualifications Obtained
1966-67	REME Training Bordon, England	Maths, English, Engineering Drawing, Workshop processes, Basic aeronautical knowledge	Army Certificate of Education - First Class in Maths, English, Engineering Drawing, Workshop processes and all aeronautical subjects.
1965-66	British Army Boys School Carlisle, England	Maths, Physics, English, Engineering Drawing, Map Reading, Metalwork	Army Certificate of Education - Intermediate Class in Maths, Physics, English, Engineering Drawing, Map Reading

Training:

When	Where	Subjects Taken	Qualifications Obtained
2015	Perth WA	RPAS Ground school for RPA	RPA Pilots Lic. 14 th Jan. 2016
2009	Perth WA	Convergent Performances – 100-Level MRC Human Factors Training Program. Maintenance Reliability Certification Program	Certificate issued 24 th Sept 09
2005	CASA Perth WA	CASA CASR 21 H Certificate of Airworthiness issue - delegation course	Government Instrument
2003	University of New South Wales – Sydney	Airline Occurrence Investigation – Incident & Accident Investigation - Short course	Certificate
2001	CASA Airworthiness Canberra	CAR 37 MEL/PU Delegation course	Certificate
1997	Pratt & Whitney Canada Singapore	PT6A, P&W 100 & JT15 ECTM course	Certificate
1996	SGS Perth	ISO9000 Lead Auditor course	Certificate
1990	Hawker Pacific Technical School Brisbane QLD	TFE731 engine course	Added to LAME licence
1986	Stotts Correspondence School	Supervision and human relations correspondence course	Diploma
1979	Hawker Pacific Technical School Perth WA	Allison 250 B17B engine course	Added to LAME licence
1977-78	Perth Midland Tech Night School	TPE331 and PT6A engines	Certificate
1972	Aerospatiale/Turbomeca training schools France	Alloutte III and Artouste IIB	Certificate
1971	Southall College of Technology, London England	Aircraft Powerplants course	Certificate
1969	REME Training Centre Singapore	Advanced aeronautical subjects and in depth on Bell 47, Westland Scout and DHC Beaver	Aircraft Technician Class I
1967	British Army Air Corps Training Centre Middle Wallop, England	Advanced aeronautical subjects and type training on Bell 47, Westland Scout and DHC Beaver	Aircraft Technician Class II

Employment History:

- From June 2013 to July 2017: CASA approved Quality & Safety Manager (Employed under contract) for Ultra Shine Aviation – Perth & Singapore. Assisted client to gain CASR 145 Certificate and to obtain approval for Window Repair workshop in Perth.
- From August 2003 to Date: Owner/Managing Director/Chief Remote Pilot of PlaneTorque Australia Pty Ltd. An aviation consulting business set up after being made redundant from Pearl Aviation Australia Pty Ltd who's head office moved to Darwin.
- From 1991 to August 2003: Pearl Aviation Australia Pty Ltd, Engineering Manager - Reporting to General Manager
 - My direct management responsibilities were:
 - Preparation of aircraft maintenance budget for 23 aircraft (It has been as high as 50) in the order of A\$7M per year
 - Oversight (Via local senior staff) of all engineering staff (Approx. 30) at all locations
 - Engineering, Quality Management & OH&S Auditing at all sites around Australia
 - Engine management both Technical and Commercial in the order of A\$4M per year.
 - Safety Committee and the Technical Services Group.
 - Engineering suppliers audit.
 - Incident & accident investigation.
 - Via Subordinate staff
 - Maintenance Control of 25 aircraft at all sites around Australia including occasional overseas deployments.
 - Large Technical Library, including control distribution to ISO 9002 standards
 - Maintenance Analysis – Often resulting in significant savings.
 - Previous (Now under separate manager) responsibilities
 - Component control – Commercial and technical control of thousands of components with an annual budget of A\$1.5M
 - Central Purchasing - Commercial and technical control of thousands of components with an annual budget of A\$1.2M
- Perform aircraft pre-purchase inspections both “In country” and overseas. Aircraft costing A\$2-4M
- Responsible for a detailed spares holding analysis and recommendations when new aircraft are purchased. This can amount to hundreds of thousands of spares purchased.
- Continuous improvement to engineering systems, forms and aircraft maintenance systems. Savings many thousands of dollars a year.
- Member of the tender preparation team, involved in detailed contract cost analysis on such tenders as:
 - Coastwatch, a coastal surveillance operation involving 18 aircraft of three types. Tender valued in the A\$M's per year.
 - Target Towing aircraft for military tasks. Tender again in the A\$M's per year.
 - Flight Calibration – The ongoing calibration of all Australian Navigation Aids and now includes some overseas countries as well, such as Singapore and Nepal.
 - Northern Territory Aerial Medical Services – An RFDS look alike operation. 4 highly modified dedicated aircraft based in Darwin/Katherine & Gove NT
 - NSW Aerial Ambulance. 4 highly modified dedicated aircraft based in Sydney.
- Engineering project manager for modification programs such as Coastwatch, aerial photography and aero medical. These projects were run over a 12 month period and costs were in the A\$M's.

- As a member of our Technical Services Group undertake analysis of manufacturers Service Bulletins, Service Letters etc.

When	Where	With Whom	Employed As	Areas of experience
June 2018 to date	Perth WA	Helicopter Logistics Pty Ltd	QA & Safety Manager	Employed under contract (Not a full time position).
June 2013 to July 2017	Perth WA & Singapore	Ultra Shine Aviation	QA & Safety Manager	Employed under contract (Not a full time position).
Aug 03 to Date	Perth WA	PlaneTorque Australia Pty Ltd	Managing Director	Consulting on aircraft maintenance and in particular turbine engine overhauls, auditing, tender prep. & investigating incidents/accidents. Cert of Airworthiness issue
1991 to Aug 03	Perth, WA Head Office	Pearl Aviation (Nee Skywest Av.)	Engineering management	Please refer detail above
1988 to 1991	Jandakot, WA	Skywest Aviation	Chief Engineer	All aspects of General Aviation (GA) maintenance. Project management of large Multi aircraft modification programs.
1986 to 1988	Port Hedland, WA	Skywest Aviation	LAME Base Engineering Manager	All aspects of GA maintenance. Management of base engineering function.
1984 to 1986	Kununurra, WA	Skywest Aviation (Nee Skywest Airlines)	Senior Base Engineer LAME	Hands on and management of all aspects of maintenance for two DHC Twin Otters on mine site commute
1982 to 1984	WA	VTOL Services	Self employed LAME	All aspects of GA maintenance
1982 to 1982	WA and NT	Lloyd Helicopters	LAME remote operations	All aspects of maintenance to support offshore operations. Bell 412's
1981 to 1982	Jandakot Airport WA	Airflite Pty Ltd	Senior Engineer LAME	All aspects of GA maintenance
1981 to 1981	Kota Kinabalu, Sabah, East Malaysia	Sabah Air Sdn Bhd	Engineer in Charge LAME	Senior engineer for Fixed Wing & Offshore helicopters
1980 to 1981	Kota Kinabalu, Sabah, East Malaysia	South East Asia Helicopters Sdn Bhd	Engineer in Charge LAME	Bell 206 offshore EXXON. All required maintenance and aircraft loading/flight following.
To 1980	Port Hedland Airport – WA and back to Jandakot	Westralian Aviation Service Co. for Skywest Airlines (nee Transwest Air Charter)	AME then LAME	General aircraft maintenance on numerous types of light aircraft, helicopters and their engines
1973	Jandakot Airport – WA	Westralian Aviation Service Co. for Skywest Airlines (nee Transwest Air Charter)	Tech Records Clerk	Control of aircraft and job costing records.
1972 to 1973	Western Australia	Bristow Helicopters	Aircraft Maintenance Engineer	Workshop and flight line maintenance Puma, Bell 47, 205, 206 & Wessex
1971 to 1972	Abu Dhabi	Airwork Services Abu Dhabi Defence Force	Aircraft Maintenance Engineer	Workshop and flight line maintenance

When	Where	With Whom	Employed As	Areas of experience
1969 to 1971	Middle Wallop UK	British Army Air Corps - Demonstration & Trials Squadron	REME - Aircraft Technician	Advanced tactics and equipment analysis, trials and demos
1967 to 1969	Kluang and Penang West Malaysia	British Army Air Corp. 75 Aircraft Workshops Kluang and PMOGR Penang	REME - Aircraft Technician	Workshop and front line maintenance support and crash recovery
1965 to 1967	Middle Wallop UK	British Army REME training program	REME – Heavy Guns then Aircraft Technician	Army apprenticeship scheme.