Introduction

Contacts

Mr Clay Baxter, Chief Engineer (Perth International Airport)

- 145 Responsible Manager (CASA/ EASA/BCAA)
- FAA Chief Inspector
- 35 years of experience
- cbaxter@airflite.com.au

Mr Simon Nice, Chief Engineer (Jandakot Airport)

- MRO Manager
- LAME – Airframe & Engine
- 20 Years of experience
- snice@airflite.com.au

Mr Jon Lovegrove, Head of Maintenance- Rotary

- 145 Responsible Manger – Rotary
- B2 engineer
- 18 years of experience
- jlovegrove@airflite.com.au
Company Profile

- Airflite was established in 1981
- Over 280 employees
- Active in Defence, Civilian (Regional and International Airline) and Business Aviation
- Current multiple accreditations:
  - CASA Part 145 AMO Approval No. 1-VRPCF Aircraft and Component Maintenance
  - CASA CAR 30 AMO Approval No. C290291 Aircraft and Component Maintenance
  - EASA Part 145 AMO Approval No. 0416 Aircraft and Component Maintenance
  - FAA Part 145 Approval No. 3FPY528C Aircraft and Component Maintenance
  - Indonesian DGCA Approval No. 145F-549 Aircraft and Component Maintenance
  - Bangladesh DGCA Approval No. CAA/5534/109/AELD (In process of renewal)
  - Bermuda BCAA Approval No. BCAA/AMO/676 Aircraft and Component Maintenance
  - Civil Aviation Authority of Thailand (CAAT) Approval in application
  - SAI Global ISO9001:2008
  - NATA Calibration
  - Philippines CAAP Approval pending
- Non-current accreditations (reactivate upon renewal process):
  - Vietnam DGCA Approval No. VN-089NN/CAAV
- Capabilities includes aircraft maintenance, component repair and overhaul, aircraft sales and leasing, product support, avionics and aircraft structures
West Coast and East Coast Coverage

Airflite at Perth Airport
Airflite at Jandakot Airport
Airflite at RAAF Pearce

Airflite at RAAF Sale
Airflite at Moorabbin Airport

Airflite at Newcastle Airport
Representations

- Cessna, A Textron Company
- Garmin, Authorized Dealer
- McCauley
- PinPoint
- Cobham
- Honeywell
- Bose®
- Habco
- Piaggio Aero
- Embraer
- Rockwell Collins, Authorized Dealer
- Rogerson Kratos
- PZL Mielec, A Sikorsky Company
- Meggitt
- Universal Avionics Systems Corporation
- StandardAero
General Capability

- Flight Line, Operational and Deeper Maintenance
- Defence and Commercial aircraft
- Fixed and Rotary wing
- Major modifications and role equipment installations
- Avionics sales, repairs, modifications and installations
- Aircraft structural maintenance, repair and modifications
- Surface finishing (Painting)
- Remote Installation/Repair Teams

- Component Repair and Overhaul, including hydraulic, hydrostatic, avionics, propeller, life support, wheels and brakes etc
- Non-destructive Testing
- NATA approved calibration laboratories
- Aircraft sales and leasing
- Composite repairs
- Product support and spares supply
- Fixed Base of Operations (FBO)
- Intelligent tool control systems implementation
Maintenance Support

• Airflite supports a variety of Defence, Business Aviation and Regional Airline clients.
• RAAF Pilatus PC-9/A Aircraft Maintenance Contractor; contract held since 1994 and now extended through life of type. Annual ROE of 20,500 flying hours.
• Aircraft Maintenance for RAAF CT-4 Fleet. Annual ROE of 600 flying hours.
• Rio Tinto Care Flight Hawker Jet with current annual ROE of 800 hours per aircraft.
• WA Government VIP aircraft (2 x B200) with annual ROE of 800 hours per aircraft.
• Dry lease and maintenance of 7 twin-engine training aircraft to China Southern West Australian Flying College with annual fleet ROE of 7,700 flying hours.
• Dry lease and maintenance of 13 single engine training aircraft to Royal Melbourne Institute of Technology with annual fleet ROE of 11,250 flying hours.
• Aircraft maintenance support for China Southern West Australian Flying College Jet training fleet – 2 x Embraer Phenom 100 & 1 x Citation Bravo.
Airflite has extensive workshop capabilities providing Repair and Overhaul services for a variety of Aircraft Components. These services are carried out in specialised facilities by highly trained and experienced technicians. The Airflite Workshop capabilities are forever expanding and include:

- Avionics
- Calibration Services
- Oxygen
- Hydrostatic
- Hydraulic
- Wheels and Brakes
- Propellers
- NiCad Batteries and Lead Acid Batteries

- Ejection Seats
- Armament
- Life Support Systems
- Surface Finishing
- Fuel Flow Systems
- Non-Destructive Testing (NDT)
- Structural Components
- Composite repairs
Airworthiness Approvals

Civil:
- Civil Aviation Safety Authority – Australia (CASA) Part 145 (1-VRPCF)
- Civil Aviation Safety Authority – Australia (CASA) CAR 30 (C290291)
- European Aviation Safety Agency (EASA) Part 145 (EASA.145.0416)
- Federal Aviation Administration (FAA) Part 145 Repair Station
- DGCA Indonesia (145F-549)
- CAAB Bangladesh (CAA/5534/109/AE1D)
- Bermuda Civil Aviation Authority – BCAA/AMO/676
- Thailand CAAT approvals in application

Military:
- DGTA AMO Pilatus PC9/A Aircraft and Aeronautical Products; (RAAF Pearce DGTA-O-0253)
- DGTA AMO Pilatus PC9/A Aircraft and Aeronautical Products; (East Sale, Vic DGTA-O-0254)
- DGTA AMO Pilatus PC9/A Deeper Maintenance of Repairable Items. (DGTA-O-0233)
Quality Accreditations

- ISO 9001:2008 (SAI Global – QEC0938)
- NATA – Electrical Calibration Laboratory (Accred. No. 18436)
- Gas Cylinder Test Station (SAI Global – Licence GCT20731)
- TRACE Certificate
Aircraft Approvals

- All Piston Engine Aircraft and Helicopters under 5700 kgs;
- All Turbine Engine Aircraft and Helicopters under 2000 kgs;
- Raytheon Beechcraft 1900 Series Aircraft
- BAe 125-800 series Aircraft
- Bombardier Challenger CL 600-2B19 (CRJ 100/200) fitted with CF34 series engines
- Bombardier Challenger CL600/601/604/605 fitted with ALF 502 and CF34 series engines
- Bombardier DHC-8-100/200/300 series Aircraft fitted with Pratt & Whitney 100 series engines
Aircraft Approvals (Con’t)

- Cessna Citation 500/550/560 Aircraft with Pratt & Whitney JT15D or PW500 series engines
- Cessna Citation 510 Mustang with Pratt and Whitney PW615 F-A series engines;
- Cessna Citation 525/525A Aircraft with Williams International FJ44 series engines
- Hawker 800/850/900XP series Aircraft
- Beech jet 400A/400XP Aircraft
- Embraer 500 (Phenom 100) fitted with Pratt & Whitney Canada PW617FE series engines
- Piaggio Avanti I and II Aircraft.
- Bombardier Global Express BD700 series.
Case Study - Cessna C208 Garmin G600, GTN750/GTN650 GPS & ADS-B Upgrade

The Full Avionics Installation includes:
- Garmin GMA340 Audio Panel,
- Dual Garmin G600 (inc. GAD43),
- Garmin GTX 335 Transponder,
- Garmin GTN 750 & GTN 650 GPS.

A unique design feature of Airflite’s installation is that the Garmin LRU’s are fitted on racks behind the screens. This clever approach allows for minimum aircraft down time during installation and allows quick and easy access for maintenance.

Mr Peter Gregory, Avionics Engineering Manager, Email: pgregory@airflite.com.au

- LAME - Avionics, Electrical & Radio
- Avionics Installation/Modification Expertise
- 30 Years of experience
Airflite has been an authorised Cessna and Citation Service Centre for over 30 years and has a strong relationship with Cessna’s Factory.

Airflite has been involved in numerous aircraft repairs and SIDs (Supplementary Inspection Documents) programs with Cessna Technical Support on various aircraft types i.e. Cessna 82, 402, 44 and 208.

Airflite has performed several major C208B wing and airframe repairs in the field, including a C208B that suffered significant wing damage in Bangladesh and a C208B that suffered a hard landing in West Papua.
• All scheduled and Structural Inspections IAW Hawker Aircraft Flexible Maintenance System.
• Full Structural Inspections – 4, 8, 12 & 16 Years including NDT with X-ray Capability.
• Undercarriage Overhaul (exchange)
• Honeywell MSP Service Centre for any Engine Maintenance/Removal and Overhaul
• Aero Medical Fit out/Modifications (Lifeport or Spectrum Installations)
• Avionics Upgrades - Rockwell Collins Service Centre (ADS-B/ LPV & PBN Solutions)
HAWKER 800XP (Serial No. 258723) Maintenance
Hawker and Beechjet Aircraft (Maintenance in progress)
B737, Falcon and S92 maintenance in progress
ADS-B Installations

Airflite have installed a number of ADS-B Systems, requiring integration with various Avionics Systems including Proline 21 Suites and Garmin Avionics equipment such as GPS units and Garmin Transponders:

• The Aircraft Airflite have successfully installed ADS-B systems into are as follows:
  • Hawker 800 XP - Collins Proline 21 Suite.
  • Hawker 850 XP – Collins Proline 21 Suite.
  • Hawker 900 XP - Collins Proline 21 Suite.
  • Citation 560 Encore - Collins Proline 21 Suite.
  • C441 Conquest Turbo prop - Carried out wiring between existing ADS-B compliant Garmin GPS and Garmin transponder.
  • Lancair Turbo Prop – Carried out wiring between existing Garmin units however exchanged Garmin transponder for an ADS-B compatible version.
Thank you