



STATEMENT OF CAPACITY

Aviation Maintenance Industry in the Northern Territory



NT AVIATION MAINTENANCE CAPABILITY - OVERVIEW AND INDEX

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ABOUT THE STUDY

The Department of Trade, Business and Innovation on behalf of the Northern Territory Government engaged ICN NT to undertake an industry capability mapping study highlighting the existing supporting trades, services and supply capacity of aviation companies throughout the NT to establish a benchmark for a possible expansion into defence support services if required.

Undertaking an industry capability mapping study of the aviation maintenance industry across the Northern Territory required an understanding of the current maintenance, service and supply requirements of the industry.

ICN engaged and interviewed 38 NT companies currently active in the aviation sector, with the current maintenance and support service capability being mapped on 19 of these businesses, who currently undertake their own maintenance or undertake maintenance to aircraft owned by external organisations.

The types of companies interviewed ranged from small and medium commercial airlines, charter companies, mustering companies, a local aviation supply company and engineering maintenance companies.

The extensive feedback gathered from these companies was reviewed and incorporated into this document.

This document profiles each of the 19 companies' capabilities whilst also identifying the degree of internalisation of sustainment activity, typical maintenance work carried out and the companies level of technological adoption or ability to adopt and adapt.

The companies provided information around the perceived strengths of the NT aviation sector and the realised comparative advantage of the NT, including their potential capacity to expand and any barriers restricting them from expanding.

In terms of workforce, there are high growth opportunities available in the NT's aviation sector and to enhance those growth opportunities, aviation as a career must be made attractive to prospective employees along with developing pathways into the sector for local students and residents - both as engineers and pilots. This will be imperative to future growth and development of the sector and retaining a skilled local workforce.

Disclaimer Statement: The companies included in this document have been identified via ICN's database and have given approval for the inclusion of their information in this public document. It is in no way a complete list of organisations registered with ICN nor does it give a full statement of capacity of the Northern Territory aviation maintenance industry.

Airbus

ABN 68 003 035 470



Airbus is a global leader in aeronautics, space and related services. In helicopters, Airbus provides the most efficient civil and military rotorcraft solutions worldwide.

Airbus Australia Pacific (AAP) support the MRH90 Taipan Multi-Role Helicopters (MRH) for the Australian Army and Navy and 22 Tiger Armed Reconnaissance Helicopters (ARH) for the Army.

Maintenance Services and Capabilities:

AAP support 1 Aviation Regiment with ARH maintenance and aircraft related activities. These include off aircraft maintenance workshops for mechanical and avionics equipment; deeper maintenance servicing incorporating component removal, clean, service, refitment and testing; operational maintenance on the flying fleet and the use of specialist support equipment. AAP currently employ 60 staff in Darwin supporting the ARH main warehouse, engineering and aircraft maintenance.

Facilities/Assets:

AAP operate from 5 maintenance hangars with administration and warehouse facilities.

Certifications/Accreditations:

CASR Part 66 Licensed Aircraft Maintenance Engineers (LAME), Civil Aviation Safety Authority (CASA) Part 148, 145 & 146, ISO 9001, ASNZS 4801:2001, Approved Maintenance Organisation - C130J Through Life Support, OHSAS 18001:2007, ISO 14001:2015, Approved Maintenance Organisation - ARH Tiger Australia and MRH90 Taipan Australia

Capacity/capability to expand including any identified barriers:

AAP has qualified and authorised aircraft engineering staff who are widely experienced in the maintenance of the ARH in Darwin. These aircraft are employed by Army in various configurations to meet a variety of mission profiles.

AAP has the capability to maintain and repair the majority of aircraft systems and components within their Darwin facilities. This includes mechanical (engines, gearboxes, guns), avionics (digital displays, warning systems, fire control), electrical (harnesses, lighting systems) and composite material (airframe, rotor blades). Some specialist activities such as aircraft painting and non destructive testing is performed by fly-in support technicians from interstate.

Contact: Tony Lock
Phone: +61 8 8984 6000
Email: anthony.lock@airbus.com
Web: www.airbus.com
Location: C-1 Aviation Regiment, Robertson Barracks, Palmerston 0830

Aircraft Engineering (NT) Pty Ltd

Central
Region

ABN 38 069 142 794

Aircraft Engineering NT offer a wide range of aircraft maintenance services for private and charter companies across Central Australia.

Aircraft Engineering NT provides CAR 30 CASA approved maintenance for fixed wing aircraft.

Contact: Tony Byrnes

Phone: +61 8 8955 5266

Email: atbyrnes@ozemail.com.au

Web: nil

Location: Lot 6G Davies Drive Alice Springs Airport, Alice Springs 0870

Maintenance Services and Capabilities:

Aircraft Engineering NT cross-hire their aircraft out and undertake regular maintenance for their own and other external aircraft. With 4 full-time aircraft engineers, maintenance includes scheduled and unscheduled, engine overhauls and component overhauls. All instrumentation and avionics maintenance are sent to local NT companies with propeller work being sent interstate.

Facilities/Assets:

Aircraft Hangar	1 x Cessna 172 RG
1 x Cessna 210	1 x Mooney
3 x Piper PA 32 300R	1 x Cessna 310R

Certifications/Accreditations:

CASR Part 66 Licensed Aircraft Maintenance Engineers (LAME), CAR 30 Certificate of Approval (COA) Maintenance

Capacity/capability to expand including any identified barriers:

Aircraft Engineering NT have been operating in Central Australia since the 1980s and specialise in maintenance to aircraft (less than 5700kg) with piston engines.

Aircraft Engineering NT operate a fully appointed workshop and all spares and parts are ordered directly from certified distributors with local NT companies being used only for consumables such as fuel, oil, cleaning, etc.

Airnorth

ABN 24 008 137 559

All
Northern
Territory

Airnorth is a major aviation operator based in Northern Australia. Airnorth provides air passenger services and air charter services for the Oil & Gas, Mining and Government sectors.

Airnorth has a fleet of fixed wing aircraft and conduct a majority of their maintenance in-house.

Contact: Business Development Manager

Phone: +61 8 8920 4000

Email: charter@airnorth.com.au

Web: www.airnorth.com.au

Location: Lancaster Road, Marrara 0812

Maintenance Services and Capabilities:

Airnorth currently employs 56 personnel in their engineering division; 39 engineers, 8 management and support staff, 4 logistics personnel, 4 aircraft presentation officers, 1 GSE engineer, and 6 apprentices. Airnorth employs a combination of skilled aircraft maintenance engineers, all of which are approved to work on the Airnorth fleet. Airnorth has a parts store locally consisting of high turnover items, and also has access to a shared pool of high value / time sensitive parts in Singapore. Airnorth outsources engine rebuilds and propeller work to their designated Maintenance Repair Organisation (MRO). Airnorth also maintains and calibrates all required OEM tools specific to each aircraft type.

Facilities/Assets:

Aircraft Maintenance Hangar 3,800 sq meters
5 x Embraer E170, 76 seat twin jet aircraft
5 x Embraer EMB120 30 seat twin turboprop aircraft
3 x Fairchild M23 19 seat twin turboprop aircraft

Certifications/Accreditations:

High Capacity Air Operators Certificate (AOC), CASR Part 66 Licensed Aircraft Maintenance Engineers (LAME), Civil Aviation Safety Authority (CASA) Part 145

Capacity/capability to expand including any identified barriers:

Each aircraft type has a fully licensed team of engineers ready to undertake light and heavy maintenance at their Darwin and Toowoomba locations. Airnorth outsources engine rebuilds and propeller work to their designated Maintenance Repair Organisation (MRO). Airnorth also maintains and calibrates all required OEM tools specific to each aircraft type.

Airnorth currently spends approximately \$50M per annum locally in the NT through wages and the general support industry procuring items such as large equipment hire, chemicals, cleaning, consumables and freight services.

With regard to future growth depending on the case put forward, Airnorth would be interested in expanding in both number of aircraft and maintenance capability.

Alice Aircraft Maintenance & Services

Central
Region

ABN 52 133 539 018

Alice Aircraft Maintenance and Service (AAMS) offer turbine and piston aircraft engineering services that encompass everything an owner would need.

95% of the maintenance they undertake is for their sister company Northern Territory Air Services (NTAS).

Maintenance Services and Capabilities:

AAMS undertake all aspects of light aircraft maintenance to the NTAS aircraft not operated as regular public transport (RPT). They have the only licensed avionics engineer in the Central region working in their avionics workshop who undertakes installs and repairs to aircraft radio, communication & navigation equipment. AAMS undertake airframe inspections and AOG part sourcing, comprehensive maintenance management and tracking along with paint and interior touch-up and repair.

Facilities/Assets:

Aircraft Maintenance Hangar 750 sq meters, Avionics workshop due for imminent upgrade, 5m x 10m parts store consisting of high turnover parts at their base

Certifications/Accreditations:

Work under 2 CAR 30 Certificate of Approvals (COA) - their own and also sister company Ultra Gold, CASR Part 66 Licensed Aircraft Maintenance Engineer (LAME), Approved instrument repair workshop, ISO 9001, Currently applying for RPT Approval (CASA PART 145)

Capacity/capability to expand including any identified barriers:

AAMS continue to invest in current technologies to automate the identification of any maintenance required on the NTAS aircraft. The majority of high-use parts for maintenance are kept on-site in their own parts store, and those parts that aren't stocked are usually freighted overnight from interstate. Local companies looking to supply into the industry are required to have CASA certification prior to supplying any consumables or services so they currently use local NT companies for commercial paints, oils, fuel and consumables, etc

AAMS has applied to CASA to extend their maintenance certification to RTP level. AAMS currently undertake 5% of their maintenance work on third party (external) aircraft and would look at increasing this, depending on the case put forward.

Contact: Ian Scheyer

Phone: +61 8 8955 5011

Email: ceo@ntas.com.au

Web: www.antas.com.au/aircraft-maintenance

Location: 24 Davis Drive, Alice Springs

Airport, Alice Springs 0870

Alice Springs Helicopters

Central
Region

ABN 19 071 259 606

Alice Springs Helicopters (ASH) provide a wide range of services to industry and visitors to Central Australia.

ASH undertake maintenance to all their aircraft in-house.

Maintenance Services and Capabilities:

ASH operates a fully appointed workshop where they are able to carry out required maintenance, aircraft modifications, avionics installation and repairs to all aircraft in the fleet. All spares and parts are ordered directly from certified distributors with local NT companies being used only for consumables such as fuel, oil, cleaning, etc.

Facilities/Assets:

2 x Bell 206 Jet Ranger

2 x Robinson R22

1 x Bell 47B

2 x Robinson R44

1 x AS350 Single Engine Squirrel

Certifications/Accreditations:

ECO Certification, Central Land Council "Respecting Our Culture" accreditation, Current Air Operators Certificate (AOC), CASR Part 66 Licensed Aircraft Maintenance Engineers (LAME)

Capacity/capability to expand including any identified barriers:

ASH are looking at multiple ways to expand their operations. Expansion would require sourcing additional staff, both pilots and engineers, and attracting them to Alice Springs.

Contact: Warwick Curr

Phone: +61 8 8952 9800

Email: eng@anh.com.au

Web: www.alicespringshelicopters.com.au

Location: Lot 430 Davis Drive, Alice Springs

Airport, Alice Springs 0870

Asia Pacific Aircraft Storage

ABN 22 137 509 525

Asia Pacific Aircraft Storage (APAS) is the leading commercial aircraft storage and parting-out facility for Asia Pacific based aircraft airlines and lessors.

APAS delivers Part 145 approved aircraft storage maintenance in an ideal low humidity environment essential to the preservation of asset values.

Maintenance Services and Capabilities:

APAS currently have two full time Part 66 licensed engineers, two mechanics and a pool of 15 casual licensed engineers to draw upon. Aircraft engineers are utilised dependent on which aircraft type are stored at the facility. APAS provides convenient local storage for airlines and lessors with aircraft in the wider Asia Pacific region. APAS provides all maintenance activities including induction, periodic checks, return-to-service, landing gear retraction testing, engine preservation and de-preservation, and component changes (including engines, APU, gear, avionics, etc). Certain specialised activities such as component overhaul and NDT are outsourced to approved third parties who undertake work on-site, or alternatively on rapid turn-around basis. APAS work with engine specialists for hospital visit work such as top-case overhaul, up to more significant overhaul including engine split, compressor, HPT sections, etc.

Facilities/Assets:

Stage 1 capacity - 15 Hectare site suitable with hardstand for 25 aircraft, 1 wide body induction/reactivation bay for landing gear retraction testing, 500 square metre building for consumables, tooling & GSE, parts storage and engine storage.

Certifications/Accreditations:

Part 145 maintenance approvals held under EASA (European Aviation Safety Agency), FAA (United States Federal Aviation Administration), CASA (Australia Civil Aviation Safety Authority), CAAS (Civil Aviation Authority of Singapore, by virtue of CAAS-CASA TA) and BCAA (Bermuda Civil Aviation Authority). Other NAA Part 145 approvals obtained subject to customer requirements.

Capacity/capability to expand including any identified barriers:

Their objective is to establish APAS as the leading aircraft storage facility in Asia Pacific, and in the process, offer a local alternative for Asia Pacific based airlines and lessors whom have to date, ferried their aircraft to the United States or Europe at significant expense.

The APAS Stage 2 development proposed for Q2 2019 will see hardstand area increased to accommodate 60 - 70 aircraft, two additional wide body induction/reactivation bays, and an additional 500sqm building.

Central
Region

Contact: Tom Vincent
Phone: +61 4 0799 9860
Email: tomvincent@apas.com.au
Web: www.apas.com.au

Location: Alice Springs Airport, Alice Springs 0870

CareFlight NT

ABN 18 210 132 023

CareFlight NT is a dedicated not for profit provider of essential aeromedical services to government, defence, insurance, oil & gas and the mining sector.

CareFlight NT undertake all required maintenance to their aircraft at their Darwin location.

Maintenance Services and Capabilities:

CareFlight NT have a fully equipped and licensed engineering facility at their Darwin location and employ approximately 19 full time engineers to undertake all scheduled and unscheduled maintenance. If they are required to expedite their maintenance log, they will source additional external engineering contractors to assist as required.

Facilities/Assets:

2 x Hangars	1 x AW139 Helicopter
5 x Beechcraft Kingair 200	3 x Hawker 400

Certifications/Accreditations:

Current Air Operators Certificate (AOC), Civil Aviation Safety Authority (CASA) Part 145, CASR Part 66 Licensed Aircraft Maintenance Engineers (LAME)

Capacity/capability to expand including any identified barriers:

CareFlight NT is uniquely different to other companies in the sector as they are the contractor to NT Government. CareFlight NT are funded by NTG to provide and maintain all aircraft specifically for NT Government which can be deployed on emergency missions at any time of the day.

CareFlight NT have a complete parts store on-site and are self sufficient for the Kingairs. The AW139 (the helicopter) is from an Italian manufacturer so CareFlight NT source some spares and parts for this aircraft from within Australia and some from Singapore. Where there is a requirement, CareFlight will also order OEM part supplies from Italy. The Darwin Airport hangar is the only hangar they have hangar keeper insurance for so this is where all maintenance is undertaken.

CareFlight NT are unable to provide maintenance services to third party aircraft at the Darwin location due to the NT Government contract they hold.

Darwin
Region

Contact: Matina Economos
Phone: +61 8 8928 9777
Email: ntops-controller@CareFlight.org
Web: www.CareFlight.org

Locations: 12 Lancaster Road, Darwin International Airport, Darwin 0820
Katherine Airport, Katherine 0870
Gove Airport, Gove 0880

Cessna Territory

ABN 22 115 963 589



Cessna Territory are an aircraft maintenance company currently providing 100% of their maintenance services to sister company Air Frontier. They have a workshop at Darwin airport.

Cessna Territory currently service and maintain approximately 20 single engine aircraft for Air Frontier.

Contact: Kylie Hunt
Phone: +61 8 8945 0777
Email: kmh@airfrontier.com.au
Web: nil

Location: 7 Murphy Road, Darwin International Airport, Darwin 0820

Maintenance Services and Capabilities:

Cessna Territory has one full time aircraft engineer and an apprentice to maintain the fleet of smaller fixed wing aircraft (single engine Cessna) for Air Frontier on a day to day basis. They undertake scheduled and unscheduled maintenance. Cessna Territory utilises an independent maintenance company from interstate to service and maintain the larger twin aircraft as these require Instrument Flight Rules (IFR) approval and avionics testing which can not be undertaken locally in the NT. All required refurbishments of aircraft are conducted interstate.

Facilities/Assets:

Aircraft Maintenance Hangar

Certifications/Accreditations:

CASR Part 66 Licensed Aircraft Maintenance Engineers (LAME), Civil Aviation Safety Authority (CASA) Accreditation Part 35

Capacity/capability to expand including any identified barriers:

Cessna Territory expressed an immediate need for at least 5 additional full time engineers to keep up with current demand on the smaller Air Frontier aircraft (before any expansion plans).

Day to day spare parts for these aircraft are procured locally from Hawker Pacific (based across the airport) with the larger more specialised parts for the Cessnas ordered from suppliers interstate or the manufacturer in America. The majority of consumables and fuel requirements are bought locally from NT suppliers.

Depending on the case put forward, Cessna Territory is interested in maintaining external third party aircraft to stay competitive, dependent on licensing and availability of engineers.

Chartair

ABN 36 123 025 945



Chartair Pty Ltd is a locally owned company and has been operating in the Northern Territory for 45 years.

Chartair maintain and service all of their own aircraft in-house at both their Darwin and Alice Springs locations.

Contact: Fiona Pople
Phone: +61 8 8920 7777
Email: opsmanager@chartair.com.au
Web: www.chartair.com.au
Location: 1 Murphy Road, Darwin International Airport, Darwin 0820

Maintenance Services and Capabilities:

Chartair have 15-20 full time aircraft engineers employed to maintain the fleet of aircraft on a day to day basis across both locations. Chartair are approved to service and maintain aircraft to regular public transport (RPT) level and have in-house avionics capability. Both locations have a parts store on-site for day to day servicing with additional aircraft parts being ordered as required from interstate suppliers or OEMs.

Facilities/Assets:

3 x Cessna 441	4 x Cessna 208B Grand Caravan
10 x Cessna 402	5 x Cessna 310
12 x Cessna 210	4 x Beechcraft Baron B58 & B55
1 x Cessna 206	

Certifications/Accreditations:

CASR Part 66 Licensed Aircraft Maintenance Engineers (LAME), Civil Aviation Safety Authority (CASA) Part 145

Capacity/capability to expand including any identified barriers:

Chartair are always looking at options to expand their operations. They currently undertake in-house training of their pilots and are looking to be at full capacity with pilots within months.

Chartair currently utilise local NT companies for all operational aspects of their business, other than sourcing aircraft parts. Chartair outsource their technology to a local NT provider to ensure the company keeps up with technological advancement across the industry.

Chartair feel they are setting a high standard for aviation in the NT and are excited to keep growing the industry.

Cobham Aviation Services

Darwin
Region

ABN 34 003 469 57

Cobham Aviation Services is the largest provider of contract aviation services in Australia.

Cobham provide contract passenger and freight aviation services for Qantas and the resources sector. For Government and Defence a range of special mission ISR operations are conducted.

Contact: Carl Dowling

Phone: +61 8 8920 2640

Email: carl.dowling@cobham.com

Web: www.cobhamaviationservices.com

Location: 3 and 4 Slade Court, Eaton NT 0820

Maintenance Services and Capabilities:

Cobham Aviation Services (Darwin) employ 20 full time licensed aircraft maintenance engineers to maintain a fleet of heavily modified Dash 8 maritime surveillance aircraft which are operated on behalf of Australian Border Force. Under the RAAF Air 7003 RPAS program Cobham will provide maintenance support for these platforms whilst they are deployed to RAAF bases in the NT.

Facilities/Assets:

4 x Bombardier Dash 8 200 series and 300 series

Certifications/Accreditations:

Civil Aviation Safety Authority (CASA) Part 145 Certification, Part 147 Certification, CASR Part 66 Licensed Aircraft Maintenance Engineers (LAME)

Capacity/capability to expand including any identified barriers:

Cobham's in-house engineering capability supports their fleet and enables them to combine state-of-the-art technology with complex air platforms to deliver customised special mission operations.

Cobham Aviation are quite unique in the contracts they have and the aircraft they operate in the NT compared to other operators. Cobham has significant capacity and reach back ability to their other Australian operations to provide a range of services to Government and Defence activities in the NT and from Darwin from their existing facilities.

Cobham does not provide third party ad hoc maintenance services and is structured to support complex high rate of effort high reliability aerial ISR operations in a security accredited environment including aircraft, sensor and communications equipment typically fitted to such aircraft.

Coomalie Air Maintenance

Darwin,
Katherine
Region

ABN 44 132 837 533

Coomalie Air Maintenance (Coomalie) offers a wide range of aircraft maintenance services for private and charter companies servicing both piston and turbine machines.

Coomalie provide CASA approved aircraft maintenance for both fixed wing and rotary aircraft across the Northern Territory.

Maintenance Services and Capabilities:

Coomalie has 6 full time licensed aircraft engineers (including 2 apprentices) to maintain all aspects of their own aircraft along with third party aircraft on both fixed wing and rotary, for a range of operators across the NT. Coomalie undertake all scheduled and unscheduled maintenance and undertake avionics work in-house. All engine and propeller overhauls are sent to interstate companies along with all specialised components and NDT testing as required. Coomalie also have a parts store on-site.

Facilities/Assets:

Aircraft Maintenance Hangar

1 x Cessna 206

1 x Cessna 182

1 x Robinson R44

Certifications/Accreditations:

Civil Aviation Safety Authority (CASA) Part 145 Certification, CASR Part 66 Licensed Aircraft Maintenance Engineers (LAME)

Capacity/capability to expand including any identified barriers:

Coomalie service aircraft ranging from Cessna 172s to Beechcraft 1900s, have a large hangar and storage facility, the latest in advanced technology and specialise in piston and turbine powered aircraft, refurbishment, modification, engine maintenance, sheetmetal, remote area work and spares.

Coomalie have recently invested in expanding their business services into NT Air Services, a tourism and charter company where they run charter flights out of Batchelor airport.

Hardy Aviation

ABN 53 009 651 521



Hardy Aviation is a Northern Territory owned and operated family business with over 25 years experience in general aviation, scheduled and charter work.

Hardy Aviation maintain and service all of their own aircraft in-house at their Darwin location.

Contact: Harry Harris
Phone: +61 8 8927 8111
Email: hr@hardyaviation.com.au
Web: www.hardyaviation.com.au
Location: 8 Slade Court, Marrara 0812

Maintenance Services and Capabilities:

Hardy Aviation have 20 full time aircraft engineers employed to maintain their fleet of aircraft on a day to day basis. Hardy are approved to service and maintain aircraft to regular public transport (RPT) level and have an in-house avionics capability. They also have a parts store on-site for day to day servicing with additional aircraft parts being ordered as required from interstate suppliers or Original Equipment Manufacturer (OEM)s. All engine refurbishments and specialised technical functions are sent interstate to be undertaken by contractors.

Facilities/Assets:

3 x Cessna 206	7 x Cessna 404 Titan
5 x Cessna 441 Conquest	3 x Metroliner
4 x Cessna 402	3 x Beechcraft Baron 58
3 x Cessna 210 Centurion	3 x Caravan C208

Certifications/Accreditations:

CASR Part 66 Licensed Aircraft Maintenance Engineers (LAME), Civil Aviation Safety Authority (CASA) Part 145 Approval, Part 42 Approval and CAR 30 Approval

Capacity/capability to expand including any identified barriers:

Hardy Aviation are largely self-reliant in maintaining their aircraft and have set their business up to do as much as possible in-house and will not look at undertaking maintenance on any third party aircraft as they are constrained by space in their hangar.

Hawker Pacific

ABN 94 001 540 316



Hawker Pacific is a market leader in integrated civil and military aerospace sales and product support.

Their Darwin location is primarily sales only of aviation spare parts.

Contact: Ian McGregor
Phone: +61 8 8927 7688
Email: partsnt@hawkerpacific.com
Web: www.hawkerpacific.com
Location: 8 Slade Court, Darwin International Airport, Darwin 0820

Maintenance Services and Capabilities:

The Darwin location of Hawker Pacific do not undertake any type of maintenance services locally but instead support the NT aviation maintenance industry by providing aviation spare parts support.

Facilities/Assets:

Warehouse facility

Certifications/Accreditations:

EASA and FAA Part 145, CASA CAR 30/Part 145 and Part 21M (Australia), CASA Part 21 (Production Certificate), CAA Part 145/146 (New Zealand), AS9100 Rev D (Pending Audit), ISO9001

Capacity/capability to expand including any identified barriers:

Hawker Pacific have been established in Darwin for approximately 3 years, after they acquired Aeromil Pacific in 2015. They hold the range of Textrons iconic products such as Beechcraft, Cessna and Bell Helicopter under one roof which are common aircraft being used across the NT.

Hawker Pacific are the only aviation parts supplier in the NT and assist the NT aviation maintenance industry by providing aviation spare parts support to a number of local maintenance companies based in Darwin and across the NT.

Heli-Muster NT

ABN 47 119 176 966



Heli-Muster NT is a helicopter and single engine fixed wing charter service.

Heli-Muster NT is an approved Robinson Helicopter authorised maintenance facility.

Contact: Jackson Richardson
Phone: +61 8 8975 0777
Email: engineering@heli-musternt.com.au
Web: www.heli-musternt.com.au
Location: Victoria River Downs Station, Katherine 0852

Maintenance Services and Capabilities:

Heli-Muster NT have two hangars located in Katherine and Victoria River Downs, both are equipped with the latest Robinson equipment and tooling. The main maintenance facility is located at Victoria River Downs and has 3 full time licensed engineers and 2 apprentices who specialise in hourly and scheduled maintenance, component repair, spare parts and overhauling of the Robinson Helicopters. All maintenance work on the companies Cessnas are outsourced to local company Coomalie Air Maintenance.

Facilities/Assets:

16 x Robinson R22
4 x Robinson R44
2 x Cessna C206 Plane

Certifications/Accreditations:

CASR Part 66 Licensed Aircraft Maintenance Engineer (LAME), approved instrument repair workshop, Certificate of Approval (COA) as a maintenance facility

Capacity/capability to expand including any identified barriers:

Heli-Muster currently maintain all aspects of their own 20 Robinson aircraft and 13 various third party rotary aircraft. Only major maintenance works such as 2200 hourly services, gearbox or engine overhauls are outsourced to either interstate or OEM companies.

The main maintenance facility is located at Victoria River Downs where 90% of the companies pilots are accommodated. This is positively impacting the business as both the pilots and engineers get a broader training ground being located at the 'hub' of business activity.

Jayrow Helicopters

ABN 27 005 001 598



Jayrow Darwin operations have been established in the Northern Territory for over 35 years and is a helicopter charter, tourism and aerial work company.

Jayrow undertake maintenance of all their aircraft in-house at their Darwin location.

Contact: Adam Tessmann
Phone: +61 8 8945 0944
Email: darwin.administration@jayrow.com.au
Web: <http://www.jayrow.com.au>
Location: 22 Lancaster Drive, Darwin International Airport, Darwin 0820
Jabiru Airport, Jabiru 0886
Lot 5, Melville Bay Road, Nhulunbuy 0881

Maintenance Services and Capabilities:

Jayrow Helicopters employ 6 full time engineers to maintain their fleet of aircraft. All regular services and both scheduled and unscheduled maintenance are conducted at their Darwin location. If there is an emergency at either of their other locations, an engineer may also be flown from Darwin to service the aircraft. Jayrow also have an on-site parts store in Darwin. Major engine overhauls are sent interstate to be undertaken. Jayrow conduct overhaul of some items where they can; there is also Avionics and Airframe coverage, while limited there is some scope for this.

Facilities/Assets:

7 x Bell B206 Jet Ranger	1 x Bell 206L Long Ranger (single engine)
2 x AS350 Single Engine Squirrel	3 x Eurocopter EC120 (single engine)

Certifications/Accreditations:

CASR Part 66 Licensed Aircraft Maintenance Engineers (LAME), CAR 30 Certificate of Approval (COA) Maintenance, CASA PART 145 Certification, BAR Safety Accreditation

Capacity/capability to expand including any identified barriers:

Jayrow are always looking to expand their organisation and in terms of maintenance, they aim to use as many local companies as possible when procuring goods.

Jayrow have received BAR Standards accreditation and this safety protocol restricts the ability to purchase various goods locally.

Jayrow are currently looking to include maintenance of third party helicopters as a service to offer industry in the future.

Katherine Aviation

ABN 53 110 942 820

Katherine
Region

Katherine Aviation provide tailored charter and freight services across Northern Australia.

Katherine Aviation have in-house fleet maintenance at their Katherine base ensuring their aircraft meet every industry and company standard.

Contact: Michael Quilty

Phone: +61 8 8971 1277

Email: ceo@katherineaviation.com.au

Web: www.katherineaviation.com.au

Locations: Katherine Airport, Katherine 0850

Jabiru Airport, Jabiru 0886

Remote: Groote Eylandt, Gove/

Nhulunbuy, Ngukurr

Maintenance Services and Capabilities:

Katherine Aviation employ 5 full-time engineers (including 3 apprentices) and 2 FIFO engineers to maintain their fleet of aircraft. All scheduled and unscheduled maintenance undertaken to the fleet are conducted in-house by sister company Longreach Aircraft Maintenance, also owned by the owner of Katherine Aviation. All engine and propeller overhauls are sent to external companies interstate along with avionics work and any refurbishments that are required. Katherine Aviation also have a parts store on-site at their Katherine location.

Facilities/Assets:

7 x Beechcraft Baron 58

1 x Cessna 402B

10 x Cessna 210

2 x Cessna 172

Certifications/Accreditations:

Aircraft Operators Certification (AOC), CASR Part 66 Licensed Aircraft Maintenance Engineers (LAME), CAR 30 Certificate of Approval (COA) Maintenance, ISO 9001:2015

Capacity/capability to expand including any identified barriers:

Katherine Aviation are always looking to expand their services although to do so, they must relocate from their current maintenance hangar, which is currently 20km away from the airbase, to much closer to the Tindal base. Upon relocating, they also require a larger hangar that suits up to 5 aircraft to keep up with their current demand.

Katherine Aviation currently undertake 95% of maintenance works to their own aircraft, with 5% allocated to third party maintenance, primarily due to the constraints in their current hangar space. A new hangar facility has already been procured with approvals on available land near the base in the process of being assessed.

Katherine Aviation currently utilise local supply companies (Katherine and Darwin based) as much as possible for day to day operations of their business, apart from specific aircraft requirements.

North Australian Helicopters

ABN 62 806 829 963

Darwin,
Katherine
Region

North Australian Helicopters (NAH) have been operating throughout the Northern Territory for over 20 years and has conducted all types of aerial operations for both Government and private agencies.

NAH undertake all maintenance to their large fleet of aircraft in-house at their Katherine location.

Contact: Steve Minear

Phone: +61 8 8972 5666

Email: nahoperations@bigpond.com

Web: www.northernaustralianhelicopters.com.au

Location: Lot 1730 Arnhem Highway, Marrakai 0812

Lot 1224 Victoria Highway, Katherine 0850

Jabiru Airport, Kakadu 0880

Maintenance Services and Capabilities:

NAH employ 7 full time licensed engineers (including 4 apprentices) to maintain their fleet of aircraft. NAH will employ additional external licensed contractors (sourced from Katherine) to work within their workshop to assist with the workload as required. All regular services and both scheduled and unscheduled maintenance are conducted at the Katherine location where they also have an on-site parts store. Only engine rebuilds are outsourced to interstate contractors.

Facilities/Assets:

NAHs large fleet consists of twenty two (22) Robinson R22s, thirteen (13) Robinson R44s, one (1) Robinson R66, four (4) Bell 206 Jet Rangers and two (2) Bell 206 Long Rangers which of the four (4) larger types are all fitted with external load capabilities.

Certifications/Accreditations:

CASR Part 66 Licensed Aircraft Maintenance Engineers (LAME), CAR 30 Certificate of Approval (COA) Maintenance

Capacity/capability to expand including any identified barriers:

NAH are looking to expand the number of licensed engineers they currently have just to keep up with their own maintenance requirements.

When there is a breakdown in the field, being in such remote locations, NAH have trained their pilots on the workings of each aircraft, so the pilots are able to report the maintenance issue accurately for an engineer to fly out and repair it cost effectively.

NAH aim to use local industry where ever they can, which at this time is primarily for consumables. The aviation sector is heavily regulated and there are limited CASA approved aviation suppliers throughout the NT. NAH will also look at using Darwin based Hawker Pacific (NT) for local parts supplies in the future.

R&R Avionics

ABN 71 144 758 430

With over 50 year's combined experience in the industry, R&R is one of the leading aircraft maintenance facility's in the Darwin region.

R&R Avionics currently service and maintain approximately 70 third party (external) single engine aircraft for a variety of operators across the NT.

Maintenance Services and Capabilities:

R&R Avionics has 12 full time aircraft engineers, 4 of which are licensed, 4 apprentices and 4 are AMEs (unlicensed) to maintain all aspects of third party aircraft, including avionics, for a number of operators across the NT on a day to day basis. They undertake both scheduled and unscheduled maintenance. All engine and propeller overhauls are sent to companies interstate along with any technical refurbishments that are required.

Facilities/Assets:

Aircraft Maintenance Hangar 2000 sq meters

Certifications/Accreditations:

Civil Aviation Safety Authority (CASA) Part 145, CAR 30 Certificate of Approval, CASR Part 66 Licensed Aircraft Maintenance Engineers (LAME)

Capacity/capability to expand including any identified barriers:

R&R Avionics are always looking at options to expand their services although they are currently at full capacity at their maintenance hangar. There are currently two options available for expansion: commence working on the larger turbine aircraft (although the hangar is already at capacity); and re-license their engineering team. For now the only option currently available is to start securing 'off-site' maintenance contracts on third party aircraft.

R&R Avionics are currently only licensed to work on 'VH' Australian registered aircraft.

Darwin
Region

Contact: Rachel Jones

Phone: +61 4 2967 7970

Email: admin@rravionics.com.au

Web: www.rravionics.com.au

Location: 2 Slade Court, Darwin
International Airport, Darwin 0820

Royal Flying Doctor Service

ABN 81 108 409 735

Royal Flying Doctor Service (RFDS) Central Operations is a key player in the delivery of 24/7 emergency aeromedical and essential primary health care services to people living, working and travelling in rural and remote South Australia and Northern Territory.

RFDS is an approved maintenance facility and conducts all maintenance on its own aircraft.

Maintenance Services and Capabilities:

RFDS has fully equipped and licensed engineering facilities at its Alice Springs and Darwin aeromedical bases, where all scheduled and unscheduled maintenance on the NT fleet is performed. It employs five full-time licensed engineers, with additional support from contracted maintenance organisations where required. Maintenance such as engine overhauls and specialist component repairs are out sourced to interstate contractors.

Facilities/Assets:

2 x Hangars

9 x Pilatus PC-12

Certifications/Accreditations:

Current Air Operators Certificate (AOC), CASR Part 66 Licensed Aircraft Maintenance Engineers (LAME), CAR 30 Certificate of Approval

Capacity/capability to expand including any identified barriers:

RFDS provides and maintains aircraft for the provision of 24/7 emergency aeromedical services in Central Australia, as well as a Territory-wide clinic charter service for the delivery of primary health care services in outback communities by NT Health clinicians.

RFDS currently undertakes engineering work to meet its current demand. It has a parts store on-site to ensure self sufficiency for its 24/7 fleet of medically-equipped Pilatus PC12 aircraft. RFDS uses local suppliers primarily for consumables such as fuels, oils, etc. All calibration, NDT testing and tooling work may be sent interstate.

Central
Region

Contact: Steve Smith

Phone: +61 8 8958 8600

Email: steve.smith@flyingdoctor.net

Web: www.flyingdoctor.org.au

Location: 28 Davis Drive, Alice Springs 0870



MAINTENANCE CAPABILITY SUMMARY

- Fixed Wing - Single Engine
- Fixed Wing - Twin Engine
- Rotary Wing
- Scheduled Maintenance
- Unscheduled Maintenance
- Engine / Propeller Overhaul
- Avionics Repairs (non IFR)
- Airframe Inspections
- Unmanned Systems
- Turbojet Engines
- Turbofan Engines
- Turboprop Engines
- Piston Engines
- Turboshaft Engines
- RPT Approved
- Parts Store

● AIRBUS	-	-	✓	✓	✓	✓	✓	✓	-	-	-	-	✓	✓	-	✓
● AIRCRAFT ENGINEERING	✓	-	-	✓	✓	✓	-	✓	-	-	-	-	✓	-	-	✓
● AIRNORTH	-	✓	-	✓	✓	-	✓	✓	-	✓	✓	✓	-	-	✓	✓
● ALICE AIRCRAFT MAINTENANCE & SERVICES	✓	✓	-	✓	✓	✓	✓	✓	-	-	✓	✓	✓	-	-	✓
● ALICE SPRINGS HELICOPTERS	-	-	✓	✓	✓	✓	✓	✓	-	-	-	-	-	✓	-	✓
● ASIA PACIFIC AIRCRAFT STORAGE (APAS)	-	✓	-	✓	✓	-	-	✓	-	-	✓	✓	-	-	✓	✓
● CAREFLIGHTLIMITED	-	✓	✓	✓	✓	✓	✓	✓	-	✓	✓	✓	✓	✓	✓	✓
● CESSNA TERRITORY PTY LTD	✓	✓	-	✓	✓	-	-	✓	-	-	-	-	✓	-	-	✓
● CHARTAIR	✓	✓	-	✓	✓	-	✓	✓	-	-	✓	✓	✓	-	✓	✓
● COBHAM AVIATION SERVICES	-	✓	-	✓	✓	-	-	✓	-	-	-	✓	✓	-	-	✓
● COOMALIE AIR MAINTENANCE PTY LTD	✓	✓	✓	✓	✓	-	✓	✓	-	-	-	✓	✓	✓	✓	✓
● HARDY AVIATION NT PTY LTD	✓	✓	-	✓	✓	-	✓	✓	-	-	-	✓	✓	-	✓	✓
● HAWKER PACIFIC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓
● HELI MUSTER N.T.	-	-	✓	✓	✓	-	-	✓	-	-	-	-	✓	-	-	✓
● JAYROW HELICOPTERS	-	-	✓	✓	✓	-	-	-	-	-	-	-	-	✓	✓	✓
● KATHERINE AVIATION PTY LTD	✓	✓	-	✓	✓	-	-	-	-	-	-	✓	✓	-	-	✓
● NORTH AUSTRALIAN HELICOPTERS	-	-	✓	✓	✓	-	-	-	-	-	-	-	✓	✓	-	✓
● R&R AVIONICS (NT) PTY LTD	✓	✓	-	✓	✓	-	✓	✓	-	-	-	✓	✓	-	✓	✓
● ROYAL FLYING DOCTOR SERVICE	✓	-	-	✓	✓	✓	✓	✓	-	-	-	✓	-	-	-	✓

COMPLIANCE / ACCREDITATION	DESCRIPTION
AS/NZS 4801:2001	Occupational health and safety
ISO 9001:2015	Quality management systems
BS OHSAS 18001:2007	Occupational Health and Safety
ISO 14001:2004	Environmental management
CASA	Civil Aviation Safety Authority
AOC	Air Operator's Certificate
IFR	Instrument Flight Rules
MRO	Maintenance Repair Organisation
IOGPS	International Oil & Gas Producers standards
BARS	Basic Aviation Risk Standard
COA	Certificate of Approval
JASANZ	Joint Accreditation System of Australia and New Zealand
CASA PART 145	CASA approved to provide maintenance services for Regular Public Transport aircraft and/or their aeronautical product
CASA PART 147	Approved maintenance training organisation
CAR 217	Flight Crew - training and checking organisations
CAR 35	Airworthiness standards for aircraft propellers
CAR 30	Certificate of Approval - maintenance organisation
RPT	Regular Public Transport

CERTIFICATION SUMMARY

Maintenance Certifications

Aircraft to be maintained

- AIRBUS
- AIRCRAFT ENGINEERING
- AIRNORTH
- ALICE AIRCRAFT MAINTENANCE & SERVICES
- ALICE SPRINGS HELICOPTERS
- ASIA PACIFIC AIRCRAFT STORAGE (APAS)
- CAREFLIGHT LIMITED
- CESSNA TERRITORY PTY LTD
- CHARTAIR

CASR Part 66 Licensed Aircraft Maintenance Engineer (LAME), CASA Part 148, 145 & 146, ISO 9001, ASNZS 4801:2001, AMO - C130J Through Life Support, OHSAS 18001:2007, ISO 14001:2015, AMO - ARH Tiger Australia and MRH90 Taipan Australia

47 MRH90 Taipan multi-role helicopters for the Australian Army and Navy and 22 ARH Tiger armed reconnaissance helicopters for the Army.

CASR Part 66 Licensed Aircraft Maintenance Engineer (LAME), CAR 30 Certificate of Approval (COA) Maintenance

All unpressurized fixed wing Aircraft under 5700kg.

CASR Part 66 Licensed Aircraft Maintenance Engineer (LAME), GSE Mechanic, CASA Part 145. Operates a fully appointed workshop.

5 x Embraer E170, 76 seat twin jet aircraft, 5 x Embraer EMB120 30 seat twin turboprop aircraft, 3 x Fairchild M23 19 seat twin turboprop aircraft

CASR Part 66 Licensed Aircraft Maintenance Engineer (LAME), Approved instrument repair workshop, ISO 9001, CAR 30 Certificate of Approval (COA) Maintenance - Currently applying for RPT Approval (CASA PART 145). Operates a fully appointed workshop.

CASR Part 66 Licensed Aircraft Maintenance Engineer (LAME), CAR 30 Certificate of Approval. Operates a fully appointed workshop.

2 x Bell 206 Jet Ranger, 2 x Robinson R44, 2 x Robinson R22, 1 x AS350 Single Engine Squirrel, 1 x Bell 47B

Part 145 approved line maintenance up to and including "A Check" under CASA, CAAS, EASA, FAA, BCAA and other NAA's.

A319/320/321, A330, A340, B717, B737 (Classic, NG, Max), B747, B767, B777, Fokker 50/70/100, ATR 42/72

CASR Part 66 Licensed Aircraft Maintenance Engineer (LAME), CASA Part 145. Operates a fully appointed workshop.

1 x AW139 Helicopter, 5 x Beechcraft Kingair 200, 3 x Hawker 400

CASR Part 66 Licensed Aircraft Maintenance Engineer (LAME), CASA Part 35. Operates a fully appointed workshop.

Air Frontier fleet

CASR Part 66 Licensed Aircraft Maintenance Engineer (LAME), CASA Part 145. Operates a fully appointed workshop.

3 x Cessna 441, 4 x Cessna 208B Grand Caravan, 10 x Cessna 402, 5 x Cessna 310, 12 x Cessna 210, 4 x Beechcraft Baron B58 & B55, 1 x Cessna 206

CERTIFICATION SUMMARY

Maintenance Certifications

Aircraft to be maintained

- COBHAM AVIATION SERVICES
- COOMALIE AIR MAINTENANCE PTY LIMITED
- HARDY AVIATION NT PTY LTD
- HAWKER PACIFIC
- HELI MUSTER N.T.
- JAYROW HELICOPTERS
- KATHERINE AVIATION PTY LTD
- NORTH AUSTRALIAN HELICOPTERS
- R&R AVIONICS (NT) PTY LTD
- ROYAL FLYING DOCTOR SERVICE OF AUSTRALIA CENTRAL OPERATIONS

CASR Part 66 Licensed Aircraft Maintenance Engineer (LAME), CASA PART 145 Certification, PART 147 Certification. Operates a fully appointed workshop.

4 x Bombardier Dash 8 200 series and 300 series

CASR Part 66 Licensed Aircraft Maintenance Engineer (LAME), CASA PART 145 Certification. Operates a fully appointed workshop.

1 x Cessna 206, 1 x Cessna 182, 1 x Robinson R44

CASR Part 66 Licensed Aircraft Maintenance Engineer (LAME), CASA PART 145 Approval, CAR 30 Approval, CASR Part 42 - Continuing airworthiness requirements for aircraft and aeronautical products. Operates a fully appointed workshop.

3 x Cessna 206, 7 x Cessna 404 Titan, 5 x Cessna 441 Conquest, 3 x Metroliner, 4 x Cessna 402, 3 x Beechcraft Baron 58, 3 x Cessna 210 Centurion, 3 x C208 Caravan

EASA and FAA Part 145, CASA CAR 30/Part 145 and Part 21M (Australia), CASA Part 21 (Production Certificate), CASA Part 145/146 (New Zealand), AS9100 Rev D (Pending Audit), ISO9001

CASR Part 66 Licensed Aircraft Maintenance Engineer (LAME), Certificate of Approval (COA) as a maintenance facility. Operates a fully appointed workshop.

16 x Robinson R22, 4 x Robinson R44, 2 x Cessna C206

CASR Part 66 Licensed Aircraft Maintenance Engineer (LAME), CAR 30 Certificate of Approval (COA) Maintenance, CASA PART 145 Certification. Operates a fully appointed workshop.

7 x Bell B206 Jet Ranger, 1 x Bell 206L Long Ranger (single engine), 2 x AS350 Single Engine Squirrel, 3 x Eurocopter EC120 (single engine)

CASR Part 66 Licensed Aircraft Maintenance Engineer (LAME), CAR 30 Certificate of Approval (COA) Maintenance, ISO 9001:2015. Operates a fully appointed workshop.

7 x Beechcraft Baron 58, 1 x Cessna 402B, 10 x Cessna 210, 2 x Cessna 172

CASR Part 66 Licensed Aircraft Maintenance Engineer (LAME), CAR 30 Certificate of Approval (COA) Maintenance, Operates a fully appointed workshop.

22 Robinson R22s, 13 Robinson R44s, 1 Robinson R66, 4 Bell 206 Jet Rangers and 2 Bell 206 Long Rangers

CASR Part 66 Licensed Aircraft Maintenance Engineer (LAME), CASA Part 145, CAR 30 Certificate of Approval

CASR Part 66 Licensed Aircraft Maintenance Engineer (LAME), CAR 30 Certificate of Approval. Operates a fully appointed workshop.

9 x Pilatus PC-12

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