

HELICOPTER MAINTENANCE

Airwork NZ Helicopter Maintenance is NZCAA Part 141 and Part 145 certified. The division provides Maintenance and Maintenance Control services for BK117, AS355, AS350, MD500, EC120, EC145, B206, B222, R22 and R44 helicopters. We are a Robinson Service Centre.

Our engineering teams carry out maintenance at Airwork bases in Auckland, Timaru and Queenstown as well as our customer's bases around the world including New Zealand; Australia; Papua New Guinea and Africa.



BK117



MD500



AS350 / 355



Helicopter Maintenance Manager
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www.airwork.co.nz



HELICOPTER MAINTENANCE OVERVIEW

Helicopter fixed base maintenance



Airwork NZ Helicopter Maintenance Services offers Maintenance and Maintenance Control for the following aircraft:

- » BK117
- » AS355
- » AS350
- » MD500
- » EC120
- » B206
- » R22
- » R44

Airwork NZ Helicopter Maintenance Services:

- » Routine and heavy aircraft maintenance
- » Maintenance Control
- » Hourly Maintenance Plan service
- » Surge Engineering Teams for overflow support in New Zealand and internationally
- » Refits and Refurbishments
- » Custom Fits & Role Changes
- » All forms of insurance work



'Our mission is to bring together the various services supplied by our unique workshops into a cost effective package to support your operation.'

Hourly Maintenance Plan

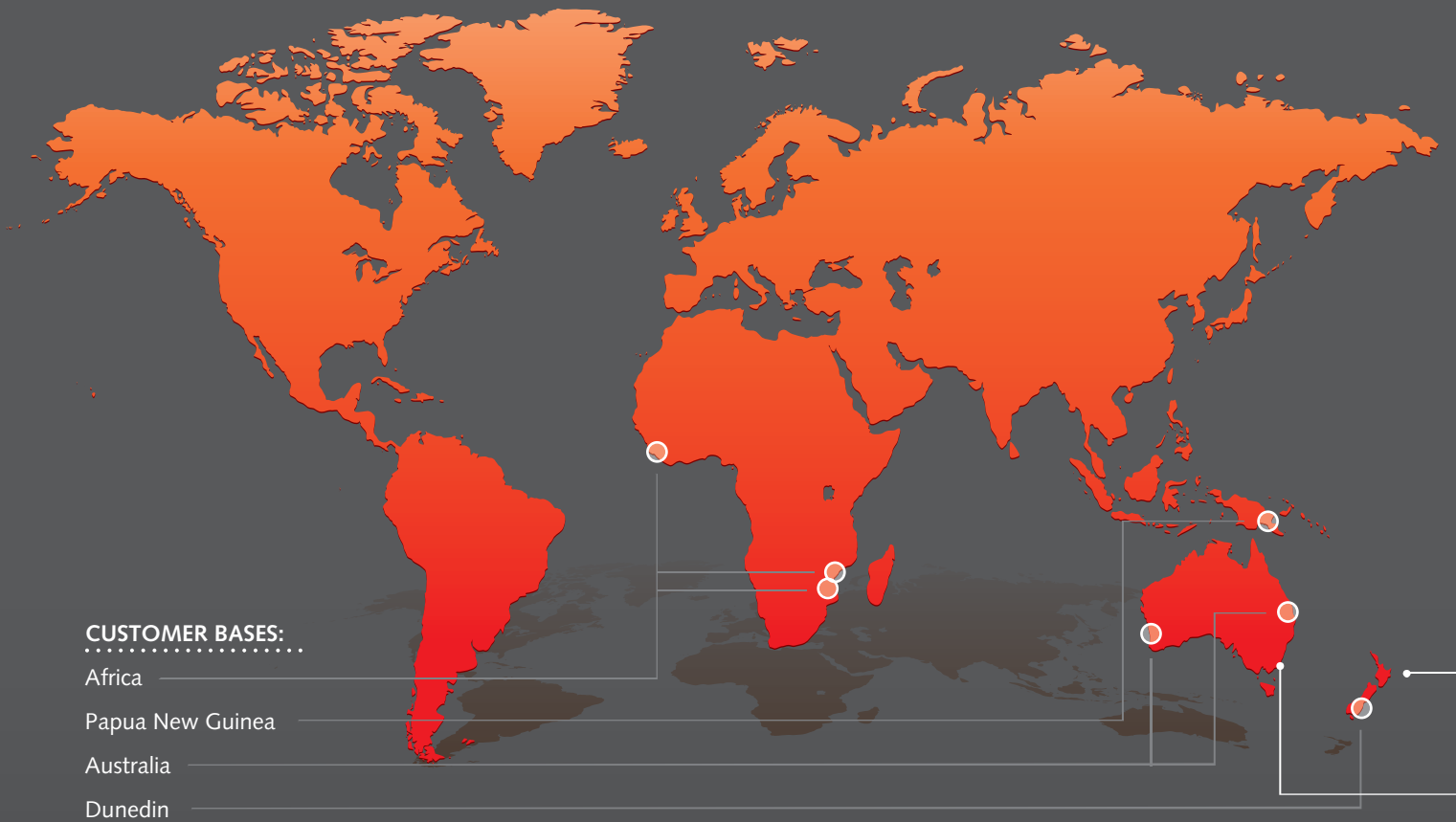
Airwork offers an Hourly Maintenance Plan service, a fixed priced helicopter maintenance programme whereby a customer pays a fixed charge per flight hour. Airwork's expertise and comprehensive maintenance capability with a wide range of aircraft underpin the programme.

Hourly Maintenance Plans offer customers a cost-effective, risk-reduced maintenance option for the operation of their helicopter or fleet, providing them with a known cost of operation for every hour flown. The fee is split into two parts:

- » Routine maintenance – the actual cost of a scheduled event or a repair as a defect occurs; and
- » Liferated component overhaul charge – a provision for future individual (liferated) component overhaul when they fall due.

The Airwork NZ Hourly Maintenance Plan programme can be tailored to your individual requirements and can be entered into at any point throughout a helicopter's life.





CUSTOMER BASES:
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Africa

Papua New Guinea

Australia

Dunedin

OUR BASE... OR YOURS

Our engineering teams carry out maintenance on aircrafts at Airwork bases in Auckland, Timaru and Queenstown as well as our customer's bases in New Zealand; Australia; Papua New Guinea; Guinea and Kenya.

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Long-Term Contract Support

We work in New Zealand and internationally to provide long-term maintenance support.

Surge Engineering Support

Airwork NZ offers Surge Engineering support, mobilising Airwork NZ maintenance teams to provide on-location maintenance services throughout the world, frequently on short notice for ad hoc or overflow support.





OUR BASES:

Auckland

Tel: +64 9 295 2100

Timaru

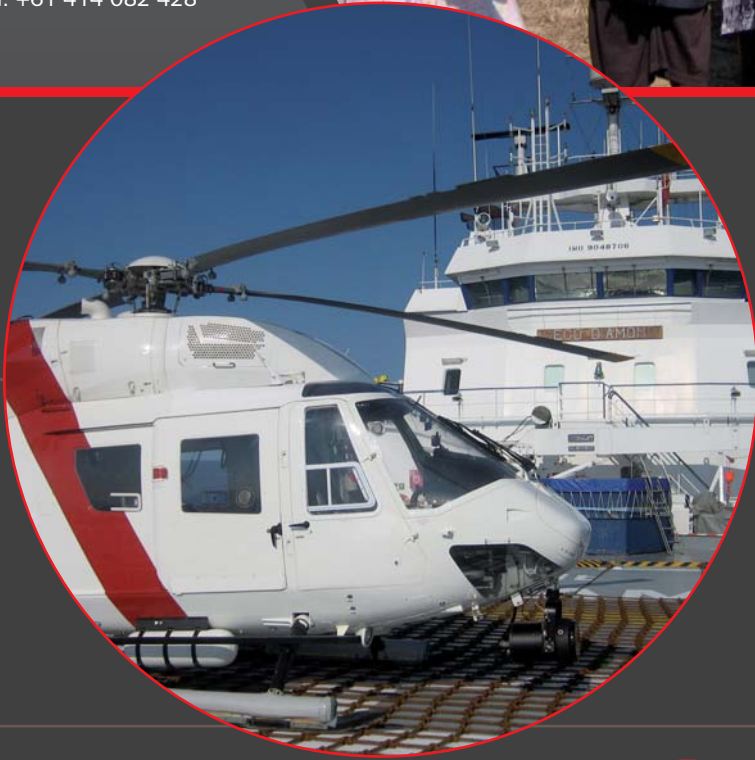
Tel: +64 3 688 2435

Queenstown

Tel: +64 3 422 3548

Australia

Tel: +61 414 082 428





MAINTENANCE CONTROL

Airwork's Maintenance Control service gives operators the opportunity to outsource this part of your operation to create economies of scale.

Your Airwork NZ Maintenance Controller provides the following services:

Forecasting and Planning

- » Maintain planning / record systems to monitor all aircraft hours, forecast of lived components, special requirements and inspections as specified in the Aircraft Maintenance Program and update following any maintenance activities
- » Provide short and medium period maintenance forecasting to complement operational availability of fleet
- » Ensure availability of future component / spare requirements to reduce aircraft down-time
- » Assist with any technical queries relating to the fleet
- » Ensure sufficient back-up systems available for electronic planning systems in use



Cost Analysis

- » Provide maintenance inputs required during budgetary exercises

Control

- » Responsible for the overall control and directing of maintenance matters on the allocated fleet
- » Liaise with contracting maintenance firms
- » Ensure that procedures are complied with by all persons associated with the maintenance of the fleet
- » Ensure the helicopter fleet meets regulatory requirements for instruments and equipment, according to the Minimum Equipment List per helicopter type
- » Issue Technical Directives to Maintenance Providers on maintenance required and finalise applicable maintenance documentation on completion thereof
- » Update helicopter fleet logbooks based on flying activities and coordinate / report all defects to the maintenance provider
- » Ensure retention of all maintenance documentation IAW CAA/ Manufacturer requirements

Import & Export C of A's

- » Liaise with the Civil Aviation Authority (CAA) on maintenance, inspections and general airworthiness related matters
- » Ensure helicopter fleet is maintained in an airworthiness condition
- » Ensure periodic Annual reviews of Airworthiness, maintenance reviews, mandatory replacement times, and periodic inspections as detailed in the Maintenance Program for each aircraft are carried out as they fall due
- » Liaise with Maintenance Contractor to ensure that all information contained in Airworthiness Directives, Service Bulletins, Service Letters and similar documents are assessed and complied with
- » Maintain a current subscription of Airworthiness Directives per helicopter type to ensure timely receipt thereof

Coordination

- » Ensure Maintenance Manuals are kept on latest revision status and relevant to Companies maintenance requirements
- » Ensure revision service for Flight Manuals are maintained and revisions received forwarded to the Operator
- » Coordinate appropriate maintenance arrangements or advise the pilot-in-command of appropriate actions required during maintenance activities away from the maintenance base
- » Ensure appropriate actions are followed for aircraft being hired as per official agreement
- » Continuous review of maintenance related legislation to ensure appropriate action is taken IAW Manual Amendment Procedures
- » Regular liaison with involved sub-contractors to enhance TAT period on repairs
- » Monitor transfer process of components removed to repair stations
- » Ensure reportable accident / incident / defect procedures to CAA are followed

REFITS AND REFURBISHMENTS

The Airwork NZ Helicopter Maintenance team are specialists in Custom Fits and Role Changes for:

- » EMS
- » Police
- » Corporate
- » Agriculture
- » Tourism

We also have expertise in all forms of insurance work.



Airwork NZ Limited is based at Ardmore Airfield and has maintenance facilities in Auckland at Mechanics Bay, as well as New Plymouth, Wellington, Timaru, Glentanner, Queenstown, Christchurch and Brisbane airports.

In addition to our Helicopter Maintenance Services, Airwork NZ Limited offers Manufacturing & Ancillary Workshops, Dynamic Component Overhaul, Turbine Support Services and Parts Supply. Contact us today to discuss your engineering and maintenance requirements.

Airwork NZ holds the following NZCAA approvals: Part 141, 145, 146, 148, 19F

Manufacturing & Ancillary Workshops

Contact: John Simcox,

Tel: +64 9 295 2127

- Part 146 Design, Part 148 Manufacturing and Part 145 Maintenance certifications
- Breeze Eastern Service Centre

Design and Manufacture

- In-house design and manufacture of a range of modification packages, STC's and PMA items
- TIG Welding specialists
- CNC Machining
- Metal Arc Spraying
- Light Fabrication
- CAD Drawing

Workshops

- Electrical
- Avionics
- Instruments

Hoist Overhaul

- Hoist Test Rig audited and approved by Breeze Eastern

Non-Destructive Testing

Turbine Support Services

Contact: Clive Rankin,

Tel: +64 9 925 3171

- Part 145 certification
- Honeywell Approved Service Centre
- Approved by Transport Canada

Major Maintenance and Repair of:

- Honeywell LTS101
- Rolls Royce Allison 250
- Garrett TPE 331

Services

- Engine Test Cell
- Full technical field support
- OEM and PMA Warranty Support
- Extensive Inventory of OEM Parts
- Loan Engines, Rental Modules and Accessories

Parts Supply

Contact: Navin Raju,

Tel. +64 9 295 2132

- Part 19F certification
- Supplier of all aviation parts and needs

Dynamic Component Overhaul

Contact: Ian Frazer,

Tel: +64 9 295 2145

- Part 145 certification
- Approved by Transport Canada
- Accredited Eurocopter Overhaul Facility
- Kawasaki Service Centre
- Eurocopter Approved Test Bench
- BK117 Test Bench

Inspection, repair and overhaul of Dynamic Components for:

- BK117
- AS350 / AS355
- MD500
- B206

Services

- Full technical field support
- MRH 3 year/5 year Inspection
- Mast Spacer Inspection (on site or at your facility)
- Mast Assemblies
- T/R P/C Assembly Overhaul
- T/R P/C Link Bearing Replacement
- Main Transmission
- Tail Rotor Gearbox
- Intermediate Gearbox
- Oil Pump
- Skid Dampers
- Exchange pool of accessories, rental components and wide inventory of parts available

Helicopter Maintenance

Contact: Jeff O'Sullivan,

Tel: +64 9 295 2139

- Part 141 and Part 145 certifications
- Maintenance and Maintenance Control services

Fixed Base or Remote Servicing of the following aircraft:

BK117, AS355, H500, AS350, EC120, B206, AS365, MD500, B222

We have bases throughout New Zealand and Australia and also offer Global Surge Engineering teams to carryout maintenance at your facility.

Custom Fits, Role Changes, Refits & Refurbishment

- EMS
- Police
- Corporate
- Agricultural
- Tourism

Maintenance Control

- Forecasting
- Cost Analysis
- Control
- C of A's

Services & Inspections

- 12 yearly airframe overhauls
- Tail Boom repairs
- 1800, 2400 and 3600 hour inspections
- Lead lag inspections and Chadwick 8500
- Major and Minor Structural Repairs
- IFR Installations

Helicopter Maintenance Manager

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