

integral link as part of SAFE Air's wider aviation component repair, engineering design, fabrication and manufacturing services.

Our skilled, highly experienced engineers are trained and qualified to meet all current standards for military and civil certification and authorisation.

SAFE Air can release to service for regulatory bodies including CAANZ Pt 145 and pt 148.

#### OUR SPECIALIST SERVICES INCLUDE

- Aircraft weigh
- CNC folding
- Electroplating
- Heat treatment
- Hydraulic and pneumatic system test
- Inspection and test
- Instrument repair
- Laser alignment
- Machining
- Non-destructive testing (both on site and at customer's locations)
- Painting
- Pipe manufacture
- Shot peening (both booth and rotor-peening)
- Small-run manufacture
- Welding
- Wire harness manufacture
- Wire marking

#### HISTORY

SAFE Air's story began in 1950 on the beautiful Wairau Plains of Marlborough near Blenheim, where the company is still based today. In that year, in response to a need for a faster freight service across Cook Strait, Straits Air Freight Express was established as a cargo airline. Its first two bull-nosed Bristol 170 freighters, a fleet which grew to 13, proved perfect for the job, as their large but innovative internal structures allowed quick change or variations in combinations of people and freight. In 1967, SAFE Air expanded its operations by acquiring a licence to carry paying passengers. This began with a service from New Zealand's capital, Wellington, to the Chatham Islands, before other routes were established.

SAFE Air's first military contract came in 1968 – one that would pave the way for SAFE Air as we know it today. SAFE Air's location had always been shared with the Royal New Zealand Air Force's Base Woodbourne, and that year, a 12-month agreement to overhaul the RNZAF's Bristol airframes and repair engines was made. This contract was repeated a year later, and the work continued until 1976, when it was followed by a contract to overhaul the military's de Havilland Devons, which would continue until 1980. Back in the SAFE Air hangars, in 1973 the company, by then owned by National Airways Corporation (which later merged with Air New Zealand), acquired two series 222 Argosies: The Merchant Pioneer and the Enterprise. These aircraft were pressurised and could take more freight than the Bristols.

A major achievement was realised in 1987, subsequently, SAFE Air entered a huge, 38-month military subcontract to install and test updated navigation on the Royal New Zealand Air Force's 21 A4Skyhawks. Three years later, on 17 August 1990, SAFE Air's operations underwent another major pivotal shift when General Manager Ron Tannock announced flying operations would cease within a month and the company would reform as an aircraft maintenance facility only. It was a decision that would prove highly successful. In the years to follow, the now grounded SAFE Air undertook further major military contracts which would hugely increase the company's capabilities and become an aviation maintenance company of international repute. This included work on the ANZAC frigates, running RNZAF Base Woodbourne's heavy maintenance facilities (which continues today), the RNZAF and Royal Australian Air Force Seasprite acquisition programme and Boeing 737 checks for Air NZ.

In 2015, SAFE Air was purchased by Airbus Group Australia Pacific. This partnership has enabled us to further expand our horizons and continue to grow in capability and expertise across a large breadth of aircraft types.



## COMPANY PROFILE

SAFE Air is unique; the heritage of a traditional New Zealand brand embedded in a global leading enterprise. Responsive like a small company but with the power of a multinational group.



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## ABOUT

SAFE Air is built on a winning combination of Kiwi can-do attitude and ingenuity, backed by unrivalled aviation expertise and the latest technology. We are a small company, with global reach; we serve customers large and small, military and civil, both at home and abroad.

SAFE Air is a New Zealand company, wholly owned by Airbus Group Australia Pacific who are part of the global Airbus Group; a global pioneer in aerospace and defence related services whose divisions include Airbus, Airbus Helicopters and Airbus Defence and Space.

We are an aircraft and aviation component maintenance, repair and overhaul business with a wide variety of co-located specialist process facilities and our own in-house design support. We have extensive experience with both military and civil operators and regulatory environments applicable across the globe.

## WHO ARE WE?

In New Zealand, SAFE Air is based in the Wairau Valley, surrounded on all sides by Marlborough's world-famous vineyards and wineries. Our headquarters is conveniently located just metres from Marlborough Airport's runway that is shared between regional airlines and the Royal New Zealand Air Force's Base Woodbourne. SAFE Air's extensive on-site facilities provide end-to-end capabilities for aviation customers of any size.

SAFE Air is also located in Dingley Australia, where our operations focus on propeller maintenance for locally based clients.

SAFE Air actively promotes close interaction between its many specialised areas and disciplines for a deeper understanding and superior expertise. This ultimately provides our customers with a highly integrated service for seamless, on-time delivery at a competitive price.

SAFE Air's biggest assets are our people, a highly specialised, professional workforce who strive for excellence in their fields. Our team bring with them a wide range of expertise, which encompasses not only the latest sophisticated design and manufacturing technology but also the skills needed to support older aircraft.

SAFE Air's civil capability is extensive and our superior quality, precision workmanship, on-time delivery and

unrivalled experience means our customers can expect only the best.

SAFE Air is the Strategic Partner for Air Maintenance, Repair and Overhaul services to the NZDF. We have almost 50 years of experience of working with the RNZAF as well as a range of other Defence Forces. SAFE Air supports both fixed and rotary wing maintenance at all levels at our site, at RNZAF operating bases and wherever our customer requests.

## SAFETY AND QUALITY

Safety and Quality are priorities for our business. We have a CASA Safety Management System in place at our Dingley Propeller overhaul facility and a CAANZ Approved Safety Management System being rolled out across the company. In addition to our own Health and Safety Facilitator, regulatory Compliance Auditors and Safety Oversight, we are regularly audited by a range of regulatory bodies, Customers and Original Equipment Manufacturers.

## REGULATORY APPROVALS

- EASA Pt 145
- CASA
- CAANZ Pt 19F
- CAANZ Pt 145
- CAANZ Pt 146
- CAANZ Pt 148
- RNZAF
- Armada Argentina

## OEM APPROVALS

- Airbus Group Australia Pacific
- GE Aviation (Dowty)
- McCauley Propeller Systems
- Qantas
- Hartzell
- Hamilton Sundstrand
- Kaman Aerospace

## OTHER APPROVALS

- ISO 9001:2008



## DESIGN & INNOVATION

SAFE Air's experienced innovation and design team excel at turning around a solution to any problem.

We offer highly advanced aircraft structural repair design and approval, structural testing, tooling and mechanical equipment design and certification and approval of design data.

These services are performed using sophisticated design software and technology, which when combined with our extensive knowledge and experience, offers unrivalled design innovation, quality and workmanship.

SAFE Air fosters a deeply integrated relationship between our design team and on-site specialist services department, where repairs and manufacturing take place.

Our customers can therefore expect competitive pricing and on-time delivery.

All SAFE Air design and innovation services adhere to relevant current aviation standards.

Although our team is located in Blenheim, New Zealand, we are just as capable working off site, alongside your aircraft or team, or – with advanced notice – can accommodate you at our facility.

## PROPULSION

SAFE Air's Propulsion Service Centre offers a wide range of services and capabilities.

## ENGINE SUPPORT

The engine centre supports the Rolls Royce T56 A14 and A15 and the Rolls Royce 501D-13. In addition SAFE Air is one of the few remaining facilities in the world to maintain a full overhaul and hot section inspection capability for the J52, P8 and P408 variants of the Pratt and Whitney engine. SAFE Air's range of components supported includes fuel controls, fuel pumps, TD valves, oil coolers and fuel nozzles. Our comprehensive level of support also encompasses services for a range of other engine related components and accessories for these engine types. Ninety percent of SAFE Air's engine specialist processes are completed on-site, eliminating the need for time-consuming and costly sub-contracting of products or parts.

## PROPELLER SUPPORT

SAFE Air has 2 sites providing a full maintenance, repair and overhaul capability for a wide range of composite and metal propellers and their components including spinners, actuators and sub-assemblies both when they arrive with their associated engines, and as individual components. We are authorised to repair and overhaul McCauley, Dowty, Hamilton Sundstrand, Hartzell, Sensenich and a wide

range of other propeller types, with our comprehensive specialist workshop capabilities including non-destructive testing, shot peening, electroplating, painting, cold-rolling, balance and (in Australia) hydromatic testing.

## ROTOR BLADES

As part of SAFE Air's long-standing relationship with a number of military customers, we provide support for the Royal New Zealand Air Force Seasprite rotor blades. Our on-site capabilities include static balance, composite repairs to the blade skins and internal rigging inspection and repairs.

## AIRCRAFT & COMPONENTS

SAFE Air has offered one of New Zealand's most comprehensive military and regional airframe and component maintenance facilities for many years from our Marlborough location.

We are proud to undertake all major maintenance requirements for the P3 Orion and C-130 Hercules and Seasprite helicopters for the Royal New Zealand Air Force. SAFE Air also has a team permanently located at Base Auckland (Whenuapai) to support the RNZAF P3 Orion, C-130 Hercules and Seasprites and a team conducting line support and maintenance for the RNZAF T6 Texan training fleet at Base Ohakea.

Our innovative capabilities extend far beyond military aviation needs however, and SAFE Air also offers all airframe and component services to civil fixed wing aircraft and helicopters. SAFE Air's services, resources and equipment are extensive and our staff has the experience to match. For our customers, this means that the majority of all work is carried out on-site, for competitive pricing, on-time delivery, and a level of quality that meets only SAFE Air's highest standards. However, where our customers cannot come to us, SAFE Air's aircraft engineering team is fully deployable and will travel to wherever their skills are required.

## MANUFACTURING & SPECIALIST SERVICES

SAFE Air's Team offers a wide variety of capabilities for the fabrication and repair of aircraft components for military and civil aviation requirements.

These processes include welding, grinding, heat treatment, machining, shot peening, electroplating, non-destructive inspection and testing and painting.

SAFE Air's specialist services team are highly experienced and provide the flexibility to complete one-off solutions in a short time frame and to a superior standard. We are also an

