

LEADING INDUSTRY TRAINING WITH AN INDUSTRY LEADING EDGE

The Air New Zealand Aviation Institute provides a comprehensive range of world-class aviation training including flight-crew and engineer type ratings, basic maintenance qualifications and service training for front-line staff. With campuses located in Auckland and Christchurch, the Aviation Institute is built on

70 years of experience in providing aviation training to our parent airline and customers around the globe. Our extensive suite of integrated training products and solutions are designed to meet the needs of most airlines, MROs and individual training requirements.

EXPERIENCE



SCHOOL OF FLIGHT

- Airline Integration Course
- First Officer Programme
- Type Training
- Simulator Hire A320, ATR72, B733, B747, B767, B777 & Q300

SCHOOL OF ENGINEERING

- A320, ATR, B737, B767, B747, B777 Type Courses
- EASA Part 147 Approved B1/B2 Basic Training Course
- MRO courses

SCHOOL OF SERVICE

- Airline Customer Service Programme
- Safety & Emergency Procedures Training
- Frontline Customer Service
- Aviation Medicine
- SEP Facility Hire

We look forward to hearing from you soon to discuss your requirements.

Tel: +64 9 255 5701 | Email: aviationinstitute@airnz.co.nz | Web: www.aviationinstitute.co.nz



10-seat P-750 XSTOL...sets the benchmark for single engine turbo-prop aircraft. Photos: Aviation New Zealand

‘Aviation’s in our DNA’

NZ a pioneer in using aviation

By John Nicholson*

AVIATION IS A DYNAMIC AND GROWING INDUSTRY in New Zealand. It is worth NZ\$10 billion to the economy, including NZ\$4 billion in exports, and it’s growing at 9% per year.

New Zealand products and services are sold throughout the world. The South Pacific is an important and growing market for New Zealand; the close relationship should see more prosperous and mutually beneficial times ahead.

New Zealand quickly appreciated the benefits in developing an aviation sector. Passenger services began in 1915 and pilot training a year later.

New Zealand was a pioneer in using aviation in tourism, agriculture, horticulture, forestry, and infrastructure development and servicing.

A long, narrow and mountainous country made road and rail development difficult in New Zealand. However, the country was ideally suited to aviation.

Today, over 4000 aircraft, including 800 helicopters, fly the New Zealand skies. This is equivalent to one aircraft per 1100 people, mak-

ing it one of the highest aircraft to population ratios in the world.

In New Zealand, we say: ‘Aviation is in our DNA’. Aircraft are a common sight throughout the country. Aircraft and associated technologies can be taken for granted. The knowledge of the sector and its international capabilities make New Zealand an ideal business partner.

The assurance of safe flight is a critical foundation of the way of life in New Zealand. The country has some of the safest skies in the world. There is a commitment to improving the safety record.

New Zealand has a diverse fleet. It reflects the modifications that have been made for agricultural and recreational purposes, and that general aviation shares airspace with airlines.

This broadens the scope of aviation regulation compared with other countries. At the same time, New Zealand has to keep up with international aviation standards, changes in aviation technologies, passenger services and security.

New Zealand has considerable experience working with overseas countries, helping them to develop their regulatory frameworks and providing services previously covered by government agencies. Products and services from New Zealand are found in over 100 countries and in all the continents.

The relationship with Association of South Pacific Airlines (ASPA) and its individual airline members is important to New Zealand.

It allows us to build relationships and share knowledge. We have a good history of working together and look forward to closer and stronger relationships in future.

The range of products and services available in New Zealand is

increasing all the time. Some of the capabilities will be well known in the South Pacific, others may not. There have been some interesting developments in recent times.

The **Air New Zealand Aviation Institute** was established in 2011. However, it is built on 70 years of aviation training experience to its parent airline Air New Zealand, and customers from



The Furio...designed and built in New Zealand.

around the globe.

An extensive suite of training products has been assembled from flight crew and engineer type ratings through to basic maintenance courses for apprentices, service training for frontline staff and leadership programmes for future leaders.

Spread over multiple locations, the staff of the Air New Zealand Aviation Institute number approximately 130.

The vast majority have joined the team from operational airline roles, bringing with them huge depths of knowledge and experience.

Pilot training is provided from ab-initio (by 5-partner flight training organisations) through to type training on ATR72, Q300, A320, Boeing 737-300, B767 and B777-300.

The School of Engineering holds Part 141 approval from the Civil Aviation Authority of New Zealand (NZCAA) for basic licence and type training, and Part 147 approval from the European Aviation Safety Agency (EASA) for selected type training.

Pacific Aerospace has origins in New Zealand from the 1940s and since then, has manufactured a number of aircraft.

Development of its signature aircraft, the P-750 XSTOL, started in 2000.

Proven in some of the most challenging operating environments, the FAA Single Pilot IFR approved 10-seat P-750 XSTOL sets the benchmark for single engine turbo-prop aircraft.

Certified against ICAO Annex 6 for Single Engine IFR Commercial Passenger Transport Operations, the aircraft is in service in the South Pacific Islands, providing passenger and freight services to various island resorts.



Rotary and fixed wing training...provided throughout the country.

P-750 XSTOL®

PROFITABILITY, PERFORMANCE, VERSATILITY

Proven in the most challenging operating environments, the FAA Single Pilot IFR approved 10-seat P-750 XSTOL sets the benchmark for single engine turbo-prop aircraft.

- Certified against ICAO Annex 6 for Single Engine IFR Commercial Passenger Transport Operations
- Unmatched STOL performance – take-off and land in <800ft carrying a load of more than 4,000lb
- Pratt & Whitney PT6A engine
- Garmin avionics suite
- Wide range of factory installed options available



PACIFIC AEROSPACE

TEL +64 7 843 6144 EMAIL aircraft@aerospace.co.nz WEB www.aerospace.co.nz



The P-750 XSTOL...ideally suited for rugged conditions.

The P-750 XSTOL's unmatched ability to operate out of short, unpaved strips provides operators with the highest level of aircraft utilisation and maximum profit.

The P-750 XSTOL is a very versatile platform and is delivered from the factory in a variety of configurations, including passenger transport, utility, skydive, medivac, aerial survey, surveillance and crop dusting/spraying.

Companies in Fiji and Papua New Guinea will be very familiar with the aircraft.

FlightGSE Ltd of Christchurch has designed and built a range of baggage trolleys for airside

use. Their standard trolleys are designed to reduce the likelihood of damage to baggage.

The "V" angled aluminium deck helps keep baggage in place and drains off any rainwater, while the design allows rain covers to be attached if necessary.

The heavy duty steering knuckle, floating front axle and the hot dip galvanised heavy duty chassis ensures long life and reduced maintenance.

The company has also designed and manufactured their unique LPV (Low Passenger Volume) trolleys.

Flight GSE developed these trolleys specifically

for Pacific Islands' use where they are ideal for companies that use smaller turbo-prop aircraft and for charter helicopter operations.

Many airports and airlines in the South Pacific now use these trolleys, which are attractively badged with company logos.

The design reduces capital expenditure on larger equipment which may be over-sized for the aircraft type being serviced.

Flight GSE also manufactures other ground support equipment for the region including maintenance access platforms, water carts and lav carts.

National Safety and Risk Management Diploma Series

Endorsed by New Zealand's Civil Aviation Authority and the Aviation Industry Association

Regulatory oversight and Governance

Risk Management

Safety Management Systems



Know Your Business

Manage Your Risk

Find out more:
www.atto.org.nz
www.aerosafe.com.au

Sponsored by The AIA



Flight GSE products...used throughout the Pacific.

Aviation Painting Services is a purpose-built, technology-driven aircraft painting company, based at Hamilton international Airport.

It is New Zealand's newest, full-time professional aviation painting facility which provides superior customer service, exceptional workmanship, competitive rates and quick turn-around times.

The facility is 32m x 32m and provides a range of stripping, treating and painting services for a broad range of aircraft types, including commercial turbo-props, helicopters (all makes and models), cargo transport aircraft, passenger

aircraft, general aviation (all sizes) and military

Eagle Aviation Consulting, Mike Flanagan and Associates, Aviation Asset Management and NZ Safety Management Systems have formed a group to provide a broad range of advisory and consulting services for airlines.

The services cover aviation policy, infrastructure, demand for services and performance of services to build sustainable capability.

These small companies, network together to meet customer requirements.

Other New Zealand companies that will be well known in the South Pacific include:

- **Superstructure Group** provides AQD, its integrated risk and safety management system to 92 airlines and regulatory authorities around the world, including four ASPA airlines and CAA Fiji.

- **Beca International and Beca Airports** have been involved in airport developments throughout the region.

- **Ignite Architects** has been involved in projects in American Samoa and Fiji while Walker Stephenson was involved in the expansion and redevelopment of Rarotonga Airport.

- New Zealand has proven expertise in weighing, baggage and freight handling systems with

Aviation Industry Association Conference week 2012

Energy Events Centre,
Rotorua
4-10 August



www.aia.org.nz



Improve safety: live flight tracking by Spidertrack.



Baggage handling systems...a Kiwi strength.

products and systems installed by Atrax Group, BCS, and or Glidepath in American Samoa, the Cook Islands, Fiji, Micronesia, New Caledonia, PNG, Samoa, the Solomon Islands and Vanuatu.

- Check-in counters, seating and other airport fit-out equipment have been supplied by UFL Group to American Samoa, the Cook Islands, Fiji, the Marshall Islands, Samoa and Vanuatu.

Many other New Zealand companies have also participated in aviation developments in the South Pacific, often working with South Pacific companies to provide the range of knowledge

and expertise required to complete projects on time and to budget.

There is strong engagement between New Zealand and the South Pacific in the aviation area.

The challenge is keeping up-to-date with developments in New Zealand and the South Pacific.

The relationship with ASPA and its members is a very important way of sharing knowledge and developing capabilities that enable us all to tackle opportunities in the global aviation industry.

We look forward to the future strengthening

of that relationship.

Aviation New Zealand was set up in 2009 to champion the international development of the aviation industry, encourage collaboration and connect international customers to the right companies in New Zealand.

Aviation New Zealand is part of the Aviation Industry Association and draws on the expertise of its members. For more information: www.aviationnz.co.nz

• John Nicholson is Aviation New Zealand CEO.

FLIGHT GSE LTD

EXCELLENCE IN AVIATION SUPPORT INFRASTRUCTURE

P +64 3 347 8690

F +64 3 3478 691

E alan@flightgse.co.nz

P.O Box 14-216

Christchurch Airport

New Zealand

Quality Ground Handling and Aviation Support Equipment, chosen by some of the Best Aviation Operators in the World - those in the South Pacific.

