



SOUTHERN WINGS
PROSPECTUS



NEW ZEALAND'S
FLYING PROFESSIONALS

An illustrious history

The history of Southern Wings can be traced back more than 70 years in Southland. It is one of New Zealand's original aviation colleges, operated by people who are passionate about flying and helping others to become pilots.

In 2013 Southern Wings expanded in Auckland with a base at Ardmore airport.



Southern Wings is superbly equipped with modern aircraft and teaching facilities. Our instructors include committed senior instructing staff with many thousands of hours in both training and operational experience within the aviation industry.

Southern Wings graduates are throughout all levels of the industry and have increasingly found themselves in well rewarded flying positions.

Aviation's perfect location

Auckland Base

Ardmore Airport is located 33km from the centre of Auckland, it boasts a variety of aircraft flying around to be an aviation enthusiasts dream. It is New Zealand's busiest uncontrolled aerodrome, the advantage of this however is that you will not experience the delays that controlled aerodromes can have, therefore maximising every hour of your training. You will fly over large open areas for your training, in and around

Auckland Airport and Hamilton Airports control zones. Explore the aerodromes of the North Island whilst enjoying the variety of terrain from oceans, lakes, bushland, rolling farm country and mountains. Ardmore has a rural feel but it is so close to vibrant Auckland City that you are sure to enjoy the diversity it offers.

Invercargill Base

Invercargill Airport is only a 3 minute drive from the city centre. Southland offers you New Zealand's most dynamic environment for learning to fly. Invercargill's doorstep boasts beautiful coastlines to spectacular Fiordland and the Southern Alps, which assists with steering you through our comprehensive mountain flying programme. Being based at Invercargill gives you experience in controlled and uncontrolled airspace. It is our dedicated IFR training base, where you can complete either your single engine or multi-engine instrument rating without the traffic delays in other parts of New Zealand. This provides maximum efficiency to achieve your training goals. Four seasons in one day, could describe some days in Invercargill, but as a pilot, it strengthens your skills and increases confidence in demanding situations, the result is a highly desirable pilot in the industry.



Southern Wings Invercargill

IT IS POSSIBLE TO FLY WITHOUT
MOTORS, BUT NOT WITHOUT
KNOWLEDGE AND SKILL.

Wilbur Wright



You are assured a warm Southland welcome at our headquarters, Southern Wings Invercargill located at Invercargill Airport.

Invercargill is the perfect location for flight training. A mix of controlled, uncontrolled and uncluttered airspace provides the perfect environment to learn to fly. Our dedicated and experienced instructors are passionate about flying and teaching you the skills you need to gain your qualifications.

Life in Invercargill is a unique mix of city meets country, it provides affordable living and no time wasted sitting in traffic. If you like sport, culture, art, great food, hunting, fishing, skiing, snowboarding, mountain biking and adventure, Invercargill has all of this on her doorstep.

Southern Wings Invercargill

- Air New Zealand PFTO
- Fully qualified and trained instructors
- Personalised service
- Southern hospitality – we'll get to know you
- Modern and well maintained fleet

Courses offered include:

- New Zealand Diploma in Aviation
- Diploma in Aviation – Airline Preparation Level 6
- Diploma in Aviation – Flight Instruction Level 6
- Diploma in Aviation – General Aviation Level 5
- Airline Integration Course

Southern Wings Invercargill

CONTACT DETAILS

0800 284 283

Email: info@southernwings.co.nz



Southern Wings Auckland

Southern Wings is proud to bring world famous southern hospitality north, with its Auckland-based aviation college opening in July 2014.

Located at Ardmore Airfield, Southern Wings is Auckland's only Air New Zealand Preferred Flight Training Organisation (PFTO).

And that means, quite frankly, when you train with Southern Wings, you're training with the best.

The renowned courses on offer in Invercargill are replicated in Auckland so you can be assured of a high quality platform from which to launch your aviation career.

Fully qualified and trained instructors, personalised service, and both practical and theory qualifications that are highly valued by those in the aviation industry are all features you'll enjoy when you land a place with Southern Wings.

Experience the best of both worlds

By training at Southern Wings' Auckland college you really do get the best of both worlds. As well as training and flying in Auckland, you'll also get the chance to experience Southland which features huge advantages for anyone aiming to become a commercial pilot.

Instrument Rating training is one of several components of the course which will be undertaken in Southland. Long daylight hours and uncluttered airspace results in increased opportunities to fly and with the close proximity to Queenstown and Fiordland, you will get excellent experience in mountain flying.

Southern Wings Auckland

- Air New Zealand PFTO
- Fully qualified and trained instructors
- Personalised service and small class sizes
- Southern hospitality – we'll get to know you
- Modern and well-maintained fleet

Courses offered include:

- New Zealand Diploma in Aviation
- Diploma in Aviation – Airline Preparation Level 6
- Diploma in Aviation – Flight Instruction Level 6
- Diploma in Aviation – General Aviation Level 5
- Airline Integration Course

Southern Wings Auckland

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Air New Zealand announced its partnership with Southern Wings as a flight training organisation (PFTO) partner in April 2011 following a rigorous selection process to validate their current training programmes and quality systems and to confirm their ability to adopt airline styled selection criteria.

By choosing to train with Southern Wings as an Air New Zealand Aviation Institute PFTO partner, prospective pilots will be assured they are;

- Joining a flight training programme designed to produce commercial airline pilots
- Likely to succeed as they have met airline styled entry criteria for programme selection
- Going to be interacting with airline personnel
- Air New Zealand preferred low hour candidates for turbo prop first officer positions in times of high demand for new pilots.

What this means to you is, that when you choose Southern Wings, you have begun your airline aviation career.

New Zealand Diploma in Aviation

When your love of flying steers you toward an aviation career, Southern Wings can help you take the leap. We have trained many highly respected commercial aviators. They cite the availability of large areas of uncontrolled and controlled airspace, along with the huge variety of spectacular terrain, as the factors that led them to choose Southern Wings.

The Air New Zealand Aviation Institute has selected Southern Wings as a flight training organisation (PFTO) to become a partner in developing career training options for aspiring pilots. The Aviation Institute works with Southern Wings to ensure a future supply of commercial airline pilots is available for the New Zealand aviation industry through the New Zealand Diploma in Aviation.

The New Zealand Diploma in Aviation is approved by the New Zealand Qualifications Authority under section 249 of the Education Act 1989 and Southern Wings is accredited to provide it under section 250 of the Act.

The New Zealand Diploma in Aviation provides the training relevant to commercial considerations. From crew and passenger demands, or weather and air traffic disruptions, today's modern airline pilot needs the ability to manage all of these issues in addition to demonstrating well-honed flying skills and possessing an in-depth knowledge of modern aircraft systems. This course prepares you for the pilots demanding and multi-faceted role.

The New Zealand Diploma in Aviation course that Southern Wings provides has three streams; General Aviation, Instructor and Airline Preparation. All students of these streams will complete a Private Pilots Licence (PPL) and Commercial Pilot Licence (CPL). After that, the completion requirements depend on the stream chosen. For the Airline Preparation stream, students will complete a PPL, CPL and Multi-Engine Instrument Rating (MEIR). Then they will undergo a secondary selection process for entry into the Airline Integration Course (AIC).



Diploma in Aviation – Airline Preparation Level 6

Graduates of this course will be qualified commercial pilots, able to exercise the privileges provided for by CAANZ in New Zealand, hold valid written examination credit covering the airline transport pilot licence theory subjects and are ready for airline multi-crew flying operations or work in associated roles and industries. Graduates will have priority in future employment with Air New Zealand.

Course Content

The aim of this course is to provide the skills and knowledge necessary to achieve a Commercial Pilots Licence with type and instrument ratings (entitling the holder to legally operate an aircraft in New Zealand for commercial purposes), complete the theory requirements for an Airline Transport Pilots Licence and prepare for airline multi-crew flying operations.

Practical

Flying practical and flight tests for CPL and Single or Multi-Engine Instrument Rating covering;

- 230 hours of total flight time
- Included in this flight time will be;
 - Intensive cross-country training and advanced handling techniques
 - 30 hours of cross-country navigation
 - 40 hours of instrument time
- Knowledge of the privileges and limitations of a CPL
- Technical and operational knowledge relevant to the aircraft type used in flight tests
- Competence to operate the aircraft
- Control of the aircraft at all times ensuring successful outcome of procedure or manoeuvre is never in doubt

- Competence in Radiotelephony
- Competency for an appropriate type rating
- Competency for night flying and instrument flying for night flying privilege
- Readiness for airline multi-crew flying operations

Theory

CPL theory subjects including;

- Air Law, Flight Navigation, Meteorology, Principles of Flight and Aircraft Performance, General Aircraft Technical Knowledge and Human Factors

Single or Multi-Engine Instrument Rating theory subjects including;

- Air Law, Navigation and Flight Planning, Instruments and Navigation Aids

Airline Transport Pilot Licence theory subjects including;

- Air Law, Flight Planning, Flight Navigation, Instruments and Navigation Aids, Meteorology, Advanced Aerodynamics Performance and Systems and Human Factors



Diploma in Aviation General Aviation Level 5

Graduates of this course will be qualified commercial pilots, able to exercise the privileges provided for by the CAANZ in New Zealand and safely load and carry dangerous goods by air or assist with Maintenance Control or work in the associated industries.

Course Content

The aim of this course is to provide the skills and knowledge necessary to achieve a Commercial Pilots Licence with type and instrument ratings, entitling the holder to legally operate an aircraft in New Zealand for commercial purposes.

Practical

Flying practical and flight tests for CPL and Single or Multi-Engine Instrument Rating covering;

- 230 hours of total flight time
- Included in this flight time will be;
 - Intensive cross-country training and advanced handling techniques
 - 30 hours of cross-country navigation
 - 40 hours of instrument time
- Knowledge of the privileges and limitations of a CPL
- Technical and operational Knowledge relevant to the aircraft type used in flight tests
- Competence to operate the aircraft
- Control of the aircraft at all times ensuring successful outcome of procedure or manoeuvre is never in doubt
- Competence in Radiotelephony

- Knowledge of the acceptance and carriage of dangerous goods by air
- Competency for an appropriate type rating
- Competency for night flying and flights where Instrument Flight Rules (IFR) are required
- GPS and ILS Approach
- Plus electives from;
 - Pilot in Command flying for Category C Flight Instructor Rating
 - Or
 - Maintenance Control incorporating the 'National Certificate in Aeronautical Engineering (Maintenance Control)'

Theory

Commercial Pilot Licence (CPL) theory subjects including;

- Air Law, Flight Navigation, Meteorology, Principles of Flight and Aircraft Performance, General Aircraft Technical Knowledge and Human Factors

Single or Multi-Engine Instrument Rating (SEIR or MEIR) including;

- Air Law, Navigation and Flight Planning, Instruments and Navigation Aids



Diploma in Aviation Flight Instruction Level 6

Graduates of this course will be qualified commercial pilots, with a Category C Flight Instructor Rating able to exercise the privileges provided for by the CAANZ in New Zealand.

Course Content

The aim of this course is to provide the skills and knowledge necessary to achieve a Commercial Pilots Licence with type and instrument ratings, entitling the holder to legally operate an aircraft in New Zealand for commercial purposes and a Category C Flight Instructor Rating.

Practical

Flying practical and flight tests for CPL and Single or Multi-Engine Instrument Rating covering;

- 230 hours of total flight time
- Included in this flight time will be;
 - Intensive cross-country training and advanced handling techniques
 - 30 hours of cross-country navigation
 - 40 hours of instrument time
- Knowledge of the privileges and limitations of a CPL
- Technical and operational knowledge relevant to the aircraft type used in flight tests
- Competence to operate the aircraft
- Control of the aircraft at all times ensuring successful outcome of procedure or manoeuvre is never in doubt

- Competence in Radiotelephony
- Category C Flight Instructor Rating
- Competency for an appropriate type rating
- Competency for night flying and instrument flying for night flying privilege
- A minimum of two electives from instruction in;
 - Night flight, aerobatic flight, spinning flight and multi-engine flight

Theory

Commercial Pilot Licence (CPL) theory subjects including;

- Air Law, Flight Navigation, Meteorology, Principles of Flight and Aircraft Performance, General Aircraft Technical Knowledge and Human Factors

Single or Multi-Engine Instrument Rating (SEIR or MEIR) including;

- Air Law, Navigation and Flight Planning, Instruments and Navigation Aids



Airline Integration Course (AIC)

The Airline Integration Course is designed to equip low-hour pilots with the skills they need to work in a multi-crew airline environment. This course is available if you are enrolled in the Airline Preparation Course, however, you will undergo a secondary selection process for entry onto the AIC course. AIC provides CPL/MEIR holders with a detailed introduction to the many demands of a multi-crew cockpit and the systems and operations of modern turbo-prop and jet aircraft. For low-hour pilots, or those with no commercial multi-crew experience, the AIC provides excellent preparation for a candidates first type rating. The course is completed over four weeks and includes the following subjects;

- Human Factors
- The Role of an Airline Pilot
- Primary Flight Management
- Use of Operational Documents
- Safety Management Systems
- Advanced Aircraft Systems
- Managing Threats to Safe Flight
- 20 hours full flight sim per crew
- A flight deck familiarisation (observational flight) and visits to an air traffic control centre and operational control and planning departments of Air New Zealand.



Fleet and Facilities

Southern Wings operate a modern, superbly equipped, well-maintained and diversified fleet, suitable for all training purposes.

Primary fixed wing training is carried out in the two seat Alpha 160A aerobatic aircraft. The aircraft are recent model aircraft maintained to air transport standards. They offer superb handling, unimpeded visibility from a bubble canopy, the opportunity for aerobatic training and will contribute to well honed “stick and rudder” skills. The avionics and instrument suites installed include Garmin radios and GPS.

As students progress to cross country and advanced aspects of flight training they can expect to transition to the Piper Archer PA 28 – 181 aircraft. These aircraft offer very predictable handling and cope very well with the variable weather conditions encountered in southern New Zealand. They are high performance single engine aircraft with a good cruise speed and are appropriate for a wide variety of applications from local training to beach and strip operations and mountain flying. They are also the aircraft in which students are introduced to instrument flying. The instrument equipped aircraft also have Garmin 430 GPS suites fitted.

For multi-engine conversion training and advanced instrument training our students can expect to transition to the Piper Seneca aircraft. These aircraft have proven to be sound multi-engine instrument trainers and Southern Wings has fitted the aircraft with Garmin 530 GPS suites, while retaining VOR / ILS and ADF / RMI capability.

All instrument training aircraft are subject to ongoing assessment and upgrade as the transition to glass cockpit technology progresses.

We embrace new technologies into our teaching as it enhances the learning experience. Digital classroom technology ensures our students are taught by subject experts. Our facilities include comfortable classrooms and plenty of space to study quietly should you require it.



Entry Requirements

- Be at least 18 before the date of your CPL flight exam.
- Complete the ADAPT pilot prescreening tool on the Service IQ website www.nzskillsconnect.co.nz. Follow the aviation link to complete the pilot pre-screening test. You need to score "Average" or above. A grade of "Below Average" will only be acceptable in individually assessed special circumstances.
- Four years secondary schooling in a country where the first language is English; or an IELTS overall score of 6.0, with no sub-part (reading, writing, listening, or speaking) below 6.0.
- Some experience of being around aircraft, or provide evidence of self-motivated efforts to educate themselves about aircraft and the profession of being a pilot.
- NCEA Level 3 Certificate (or equivalent) with;
 - At least 14 Level 3 credits in an English rich subject
 - At least 14 Level 3 credits in a numbers orientated subject
 Or
 - A trade qualification of Level 4 or above
 - Or
 - A pass in all PPL subjects gained over a period of no more than 42 days where;
 - a) No more than two subjects have been failed, b) No one subject has been failed more than twice

- A New Zealand Civil Aviation Authority Medical Certificate, Class 1
- A CAA fit and proper person status applies and students are required to produce a character reference and two referees, produce a criminal record history from the Ministry of Justice and a Land Transport offence history from Land Transport New Zealand

Selection Interview Criteria

As a signatory to the New Zealand Aviation Industry Association Incorporated Flight Training Code of Practice. The interview must show that candidates demonstrate;

- A genuine interest in an aviation career which must include a written statement by the candidate
- Appropriate information from background checks, character references and/or referees statements
- Above average communication skills with emphasis on being a member of a team
- A positive and open attitude to learning
- Self-motivation and self-awareness
- A person of sound judgement who is able to demonstrate clear decision making skills
- Responsibility and maturity



S O U T H E R N W I N G S



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For further information and details about Southern Wings and living in Southland go to **www.southernwings.co.nz**

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