



SOUTHERN WINGS
PROSPECTUS



NEW ZEALAND'S
FLYING PROFESSIONALS



An illustrious history

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

The grand heritage of Southern Wings, the spectacular local landscape and the gracious Southland lifestyle has helped us attract some of New Zealand's finest instructors.



The college is superbly equipped with modern aircraft and comfortable teaching facilities. It operates a varied, well-maintained fleet suitable for all training purposes. The college's base is located at Invercargill Airport.

Southland represents the largest uncontrolled airspace in New Zealand, with Invercargill Airport providing experience with Air Traffic Control.

Aviation's perfect location

Southland is blessed with stunning scenery. In flying terms, this translates to a variety of terrain – everything from gently rolling pasture and hill country to rugged coastlines, alpine lakes and snow-capped mountains.

The landscape is accompanied by a wide range of weather conditions – from beautiful clear sunny days in summer and winter, to cold, blustery conditions. It is this variability that strengthens the skills of our pilots and increases their confidence in demanding situations.

Southland's daylight hours are another blessing for aviators. In summer, daylight begins as early as 5am while the evening twilight extends as late as 10.30pm, which translates to an incredible 16 hours flying time.

Stewart Island's Maori name is Rakiura, which means 'Heavenly Glow' – a reference to the fabulous sunsets you'll see in Southland.



The charming southern lifestyle

The settlement of Southland started in the mid 1800s, with the arrival of migrants from England and Scotland. As well as Scottish architecture and Scottish street names, Southland has been left with a touch of a Scottish accent. The locals are inclined to roll their rrrrs - a phenomenon unknown in other parts of New Zealand.

Life on the ground in Southland is a mix of outdoor adventure and convivial, affordable good living. Southlanders are friendly and newcomers are quickly welcomed into local communities. Excellent restaurants can be found in the city of Invercargill and in the small towns that dot the countryside, while quaint museums and hiking trails allow you to explore the fascinating history of the area.

Nearby are internationally acclaimed walking tracks within the Fiordland and Stewart Island (Rakiura) National Parks. From your base in Southland the skifields and the adventure activities of the Queenstown and Wanaka regions are also within easy reach.

Southland is well known as a destination for world class fly-fishing, hunting, deep sea fishing and diving. Any one of these pursuits could put a gourmet meal on your table – wild venison, brown trout, crayfish, paua or blue cod.

Annual cultural highlights include the Bluff Oyster and Southland Seafood Festival (held every April) and the New Zealand Gold Guitar Awards (May-June).



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

Wilbur Wright

Ten reasons to train with Southern Wings

1. REPUTATION

Southern Wings provides a personal service to our clients, we maintain excellent student/ staff ratios by keeping class sizes small. This ensures that we produce quality aviators that meet the high standards required to work in the New Zealand aviation industry.

2. EXPERIENCE

The history of Southern Wings and its involvement in flight training can be traced back more than 65 years. It is one of New Zealand's original aviation colleges.

3. LOCATION

Southland provides a variety of flying challenges with terrain ranging from a maritime flying environment to mountain flying and everything in between.

4. WEATHER

A competent pilot needs to gain experience in all types of weather. Southland, being in close proximity to the Southern Ocean, Fiordland and the Southern Alps experiences a wide range of weather conditions.

5. TRAFFIC DENSITY AND AIRSPACE

Southland has a variety of airspace types, both controlled and uncontrolled and moderate traffic densities, making it an ideal location for flight training.

6. PERSONALISATION

Southern Wings is recognised within the aviation industry for ability to consistently produce versatile and resourceful pilots of the highest calibre, a reason why Southern Wings is an Air New Zealand Flight Training Organisation partner.

7. LOW COST LIVING, HIGH QUALITY LIFESTYLE

Those living in Southland enjoy a comparatively low cost of living and unparalleled ease of access to outdoor and adventure activities. Queenstown and Wanaka are just a few hours drive away (less if you fly) and excellent fishing, tramping, walking, hunting and climbing opportunities abound closer to home.

8. RESOURCES

Southern Wings maintain a modern fleet of training aircraft and a state of the art simulator, as well as a purpose built operations and training base at Invercargill Airport. The people resources are also excellent, including a stable and committed senior instructing staff with many thousands of hours in both flight training and operational experience within the aviation industry.

9. GRADUATE EMPLOYMENT

Southern Wings graduates are scattered throughout all levels of the industry and have increasingly found themselves in well rewarded flying positions very shortly after graduation. An internship programme helps with the employment aspect and is available to students.

10. ENJOYMENT

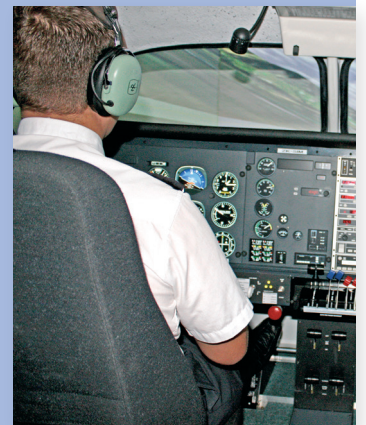
Your involvement with Southern Wings will stretch into your off duty time with new relationships and a sense of camaraderie. Access to an active social club and on-site facilities all contribute to a positive social atmosphere where you will mix with pilots of all ages and levels of experience from throughout New Zealand. And remember flying is fun!



GREAT PILOTS ARE MADE
NOT BORN... A MAN MAY
POSSESS GOOD EYESIGHT,
SENSITIVE HANDS, AND PERFECT
CO-ORDINATION, BUT THE END
RESULT IS ONLY FASHIONED
BY STEADY COACHING, MUCH
PRACTICE, AND EXPERIENCE.

Air Vice-Marshal

J.E. 'Johnnie' Johnson, RAF.



Air New Zealand announced its partnership with Southern Wings as a flight training organisation (FTO) 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 FTO 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. An enjoyable, yet inexpensive lifestyle, is another major attraction.

The Air New Zealand Aviation Institute has selected Southern Wings as a flight training organisation (FTO) to become a partner in developing career training options for aspiring pilots. The Aviation Institute will work 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 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, plus an additional
- 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 and the General Aviation 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 candidate's 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.



Entry Requirements

- Be at least 18 before the date of your CPL flight exam.
- Complete the ADAPT pilot prescreening tool on the ATTO Skills Connect 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 provides 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.



SOUTHERN WINGS



CONTACT US

You can contact Southern Wings on:
Telephone: 0800 284 283 or 03 218 6171
Email: info@southernwings.co.nz

Southern Wings Limited
P O Box 1771
Invercargill 9840
Southland
New Zealand

VISIT OUR WEBSITE

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

CONTACT US FOR MORE INFORMATION
0800 284 283

Disclaimer Statement: All data, images, drawings, descriptions and other information presented by Southern Wings including verbal information, in or on its website, catalogues, brochures, CD's, pamphlets, price lists, documents or any other promotional media are intended to be as accurate as possible but are given for general information only and are not binding on Southern Wings in respect of a particular order. All information, unless stated otherwise, is subject to reasonable variations. Southern Wings does not accept responsibility for errors or information which is found to be misleading. Before using products supplied by Southern Wings, the customer should satisfy themselves of the suitability of the product or service for the required purpose.