



# Wanaka Flight Training

*Information Pack*



# Index

Introduction	3
Chief Flying Instructor	4
Private Pilots Licence (PPL)	5
Commercial Pilots Licence (CPL)	11
Mountain Flying	18
Type Ratings & Vintage Aircraft	21
Foreign Pilots	23
Contact Details	25

Thank you for your enquiry regarding Learning to Fly with **Wanaka Flight Training Ltd.**

We are a CAA Approved Flying School and hold Part 141 and 135 certification.

The Training School is located at Wanaka Airport, Central Otago NZ - a very unique place to learn to fly



Wanaka offers some of the most spectacular scenery in New Zealand with very stable weather conditions, ideal for training. Close to Queenstown, Milford Sound and Fiordland the environment enables students to learn in a variety of conditions and terrain.

We offer a fully flexible training programme which can be individually tailored to meet each student's ability, availability and needs.

The following information is provided to give you some basic knowledge of what is required to gain either your Private Pilots Licence (PPL) or Commercial Pilots Licence (CPL). We have also included information regarding Type Ratings in Vintage Aircraft, and Mountain Flying.

If you would like further information, please contact us via our website [www.learntoflynz.com](http://www.learntoflynz.com) or Telephone 64 3 443 4043.

## CHIEF FLYING INSTRUCTOR

Peter Hendriks - our Chief Flying Instructor, has 25 years experience in the Aviation Industry, with over 5500 hours in Commercial Operations and Flight Training. He has held a B-Cat Instructor Rating for over 20 years.



Peter is experienced in over 35 different types of aircraft from vintage to turbine, helicopters and gliders, He has been involved in Airshows, TV Documentaries and the recent NZ Airgames. Peter takes real pride in seeing you achieve your goal in becoming a Pilot.





# Wanaka Flight Training

## **Private Pilots Licence (PPL)**

# PRIVATE PILOTS LICENCE

Flying is fun, challenging and rewarding. It is a fast, safe and cost-effective way to travel. With a Private Pilots Licence (PPL) you are taking charge of an aircraft and flying yourself.

In New Zealand there are no minimum educational requirements to start Aviation Training, however a good understanding of mathematics and physics is helpful. **Wanaka Flight Training Ltd** operates a Cessna 172, Piper PA28, or a 1941 DA82a Tiger Moth.



Wanaka is an idyllic location to enjoy any kind of flying. From here you can gain practical experience in mountainous terrain with spectacular scenery. The Queenstown control zone is only 20 minutes away and provides additional practice in radio work, at a busy International Airport.

You can start learning to fly at any age, but you cannot go solo until you are 16 years old. The minimum age for a PPL is 17. A PPL means you are able to fly anywhere in New Zealand with passengers, but you are not allowed to receive payment (with the exception of cost sharing) or gain employment as a Pilot. A PPL is made up of several steps, the first being a medical examination.

## MEDICAL

PPL requires a Class 2 medical examination. As long as you have a good overall standard of health you'll have no problems with this. The examination can be done in Queenstown. To avoid possible disappointment later on, make sure you pass the medical before doing too many flights/lessons.

## LESSONS

Early lessons cover the basics like straight and level flight, climbing and descending. Most students will take their first solo flight after 10-15 hours of flight training. There is a 50 hour minimum to gain a PPL.

Your Instructor will normally go through a briefing before and/or after each lesson, going through the logistics of your flight. You can take your lessons as often as you like with most flights initially being around 30 minutes. However adding in the time for briefings and pre-flight inspections, you will need to allow about 2 hours out of your day.



Your training will be split up into 3 sections:

- (i) **Dual** - Flying with an Instructor
- (ii) **Solo** - Flying by yourself, practicing what you have learnt in your dual flights
- (iii) **Advanced Dual** - Advanced flying with your Instructor

For your PPL you need a minimum of 50 hours total flight time which is divided as follows:

**15 hours Dual Flight Time** - Flight with your Instructor

**15 hours Solo Flight Time** - Once you've been solo you will build your solo hours which includes cross-country time

**5 hours Instrument Flight Time** - By using a hood we simulate flying the aircraft using instruments with your Instructor guiding you.

**10 hours Cross-Country Flight Time** - You'll be shown how to calculate heading, time to destination, ground speed, fuel used etc, on flights to destinations such as Dunedin, Milford Sound, Te Anau, Queenstown and Stewart Island both dual and solo.



Once you've achieved your PPL you can go on to other aspects of flying. For example:

- \* Ratings in your choice of aircraft ( learning to fly new aircraft types)
- \* Flights to main airports throughout New Zealand
- \* Ability to take passengers on flights
- \* Commerical Pilot Training - which can also be done with **Wanaka Flight Training** as a continuation of your training

# SUBJECTS

There are 6 subjects with exams you need to pass for your PPL. These exams are set to a High School level and include:

**Radio** - learning aviation phrases used to make clear communication calls

**Human Factors** - health, stress, judgement and decision-making

**Meteorology** - cloud formations, NZ's weather patterns, different weather conditions affecting aircraft performance, interpreting aviation weather reports

**Air Technical Knowledge** - aerodynamics, engines, electrical systems, flight instruments and weight & balance

**Navigation** - using aeronautical maps, compass and calculating flight time and fuel

**Law** - learning to interpret Civil Aviation Rules

These exams are mainly multi-choice and require a 70% pass rate. Exams can be sat here in Wanaka.

Once you have applied for an exam and received an acceptance slip, you have 60 days in which to sit the exam.

You do not have to pass these examinations before you begin your flying lessons, but you will need to have passed them before you commence the cross-country training. Most people sit their examinations progressively as they are learning to fly.

# COST

AVERAGE TRAINING LESSON .....\$135.00 - \$230.00  
(30 mins - 1 hour)

- Includes:
- \* All necessary pre-flight briefings and de-briefings with your Instructor
  - \* Flying time
  - \* Aircraft hireage, fuel and landing fees

TYPICAL COST TO YOUR FIRST SOLO FLIGHT \$2300-\$3000  
(Your first and most challenging goal. On completion you will have flown an aircraft by yourself.)

## COST TO FULL PRIVATE PILOT'S LICENCE (2008)

<b>Medical</b>	Class 2		<b>\$250.00</b>
<b>Exams</b>	Radio, Human Factors, Meteorology, Nav, Law and Air tech	\$49.00 each	<b>\$294.00</b>
<b>Flying</b>	50 Hours flying in PA28	\$235.00 per hour	<b>\$11750.00</b>
<b>Flight Test</b>	PPL Flight Test		<b>\$500.00</b>
<b>Miscellaneous</b>	Maps, Text Books, AIP.		<b>\$500.00</b>
<b>TOTAL</b>			<b>\$13294.00</b>

These figures are a guideline and may change without notice as they will depend on hours flown.

The number of hours it takes you to complete your licence depends upon the regularity of your lessons.



# Wanaka Flight Training

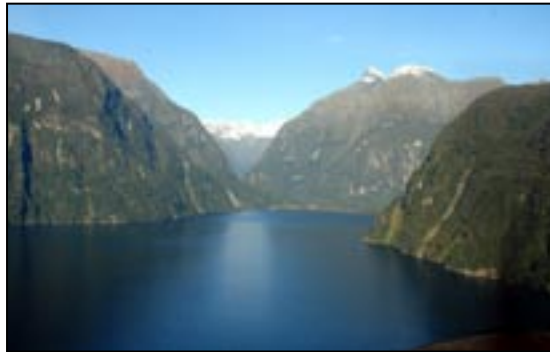
## **Commercial Pilots Licence (CPL)**

# COMMERCIAL PILOTS LICENCE

## INTRODUCTION

A Commercial Pilot Licence (CPL) is the next step up from a Private Pilots Licence (PPL). With this licence you gain a significant amount more flying experience and it also means that you can fly for hire or reward. You need to be at least 18 years old to hold a CPL.

**Wanaka Flight Training Ltd** offers a unique programme in that unlike other training organisations in the South Island we are based within the mountains. In less than half an hour's flying time it is possible to experience both coastal flying, (the West Coast is only 50 miles to the West of Wanaka), with the true mountain flying in the Southern Alps along the way.



Once airborne from Wanaka, you can be experiencing mountain flying and will quickly become accustomed to the characteristics of the surrounding terrain. The variety of flying in the region and the diverse opportunities you will experience are completely unique. You won't have any of the delays encountered in controlled airspace at major centres. However with International airports such as Queenstown, Dunedin and Christchurch within a short distance you will be taught the skills required to fly in a busy controlled environment.

## **MEDICAL**

CPL requires a Class 1 medical examination. This is a step up from a Class 2 medical. You need to see an Ear, Nose and Throat Specialist plus have an ECG done to monitor your heart rate.

We can assist in finding a Doctor near you who will conduct this examination; the Doctor will then refer you to Specialists in your area to complete the medical

## **THE LESSONS**

When you start your training towards a CPL you will be required to carry out cross-country training. At times it is possible to use some of these trips for friends who might like to share costs which will therefore keep your costs down.

As you build your flight time towards your CPL you may wish to plan a trip to the North Island or something similar to gain both hours and experience.



## HOURS

The hours that you flew for your PPL count towards your total flight time.

To gain a CPL you need a minimum of 200 hours Total Flight Time which is divided into the following:

**100 hours Solo Flight Time** – this includes the time you use for cross-countries when you are pilot in command (without an Instructor)

**30 hours Cross-Country Navigation Flight Time** - planned cross-countries to destinations of a set distance from the aerodrome of departure and with a minimum number of take off and landings.

**10 hours Instrument Flight Time** – your time used from your PPL may be cross-credited to make it less than 10 hours under the hood.

## SUBJECTS

For your CPL there are 6 similar subjects to sit. They are at a higher level than PPL.

These subjects are:

**Human Factors**

**Meteorology**

**Air Technical Knowledge**

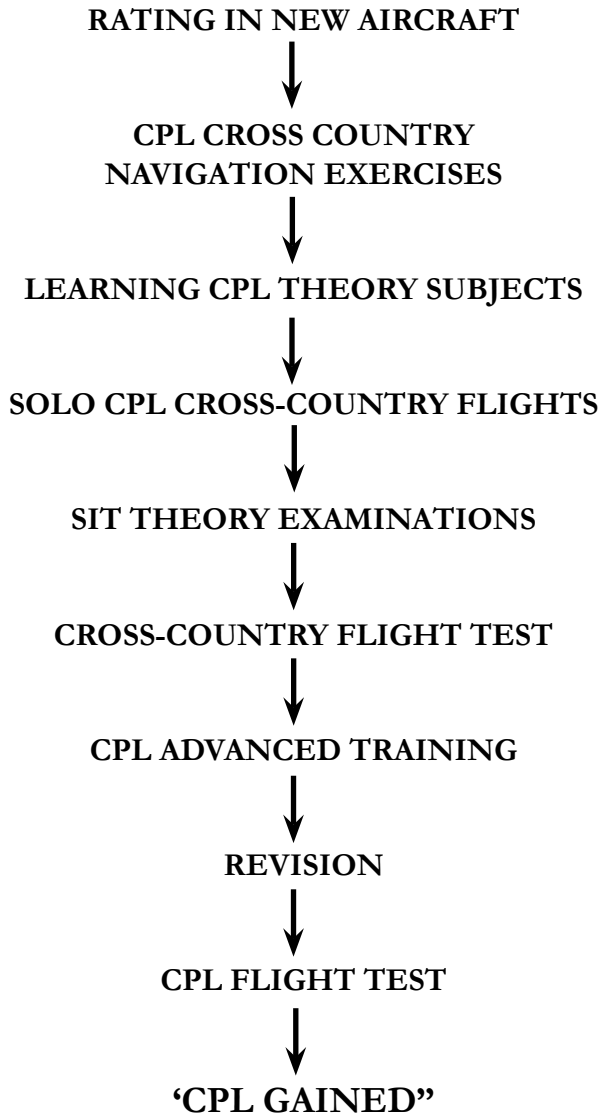
**Navigation**

**Principles of Flight**

**Law**

Like the PPL exams these are mainly multi-choice with the pass mark of 70%

# THE COURSE STRUCTURE TO YOUR CPL



## COST

<b>Medical</b>	Class 1	Approx cost inc Specialists	<b>\$450.00</b>
<b>Exams</b>	Human Factors Meteorology Air Tech Navigation Law Principles of flight	\$104 each	<b>\$624.00</b>
<b>Flying</b>	Considering 50 hours have already been completed for PPL	150 hours @ \$235/hr	<b>\$35250.00</b>
<b>Licence Issue</b>	CAA		<b>\$60.00</b>
<b>Flight Test</b>	With Aviation Services		<b>\$500.00</b>
<b>Miscellaneous</b>	Text books, CAA rules and Nav equipment	(approx)	<b>\$500.00</b>
<b><u>TOTAL</u></b>			<b><u>\$37384.00</u></b>

**A Commercial Pilots Licence (CPL)** will be issued when:

- (i) You have passed all exams
- (ii) You have the required flying experience
- (iii) You have passed your practical flight test
- (iv) You hold your Class 1 Medical Certificate

After employment and a company competency check, you can work as a Pilot. Possible careers include:

Charter  
Scenic  
Corporate  
Agriculture Flying  
Flight Instructor  
Airline Flying.





# Wanaka Flight Training

## **Mountain Flying**

# MOUNTAIN FLYING



Wanaka is the gateway to the Mt Aspiring National Park. Virtually every flight from this unique location interacts with the mountains.

Mountain flying is the ultimate form of VFR flight. While challenging your skill and ability to perform precisely, mountain flying from Wanaka provides an opportunity to traverse spectacular and breathtaking terrain within our backyard.

Our Instructor will pass on knowledge and expertise seldom available to Pilots due to his 25 years of experience within the Industry and 100% safety record.

Our Mountain Flying Course is on-demand, and caters for those Pilots who wish to expand their flying experience in one of the most scenic locations in the world.

Our Mountain Flying Courses are based from Wanaka Airport. We offer a 1,3 or 5 day course within the Southern Alps region covering areas such as Mt Aspiring, Milford Sound, Doubtful Sound, Fiordland and Mt Cook.



**Training Skills covered include:**

Aircraft Performance

Contour and Valley Flying

Saddle crossings

Confined Areas

Horizon Orientation

Disorientation & Illusions

Sun & Valley shadows

Weather Interaction

The Decision Making Process

Low Level Navigation

Emergency Actions .

During the training we will also cover Stripwork and Beach landings





# Wanaka Flight Training

## Type Ratings

# Type Ratings

**Wanaka Flight Training Ltd** offers a range of Type Ratings from Vintage Aircraft to Turbine.

We offer type ratings in:

PA 28

C172

C180

C206

DH82a (Tiger Moth)

Auster

DHC1 (Chipmunk)

We offer a complete range of handling notes and flight briefings for each type. We offer solo and private hire (subject to experience)





# Wanaka Flight Training

## **Foreign Pilots**

# FOREIGN PILOTS LICENCES

If you hold a foreign pilots licence and want to enjoy flying in New Zealand we are able to provide you with a highly qualified Flying Instructor for a unique mountain flying experience with you at the controls.

We have flights on demand or offer a 2 -3 day tour covering areas such as Milford Sound, Stewart Island and Fiordland. Alternatively we can tailor make a tour that suits you.

Our flights are designed to permit you the freedom to fly without anxiety created by the absence of local knowledge in respect of navigation and communications. This is particularly important, as there are no navigational aids in the region to assist the pilot. NZ Civil Aviation Regulations do not recognise foreign licences for domestic operations in NZ registered aircraft unless you validate your overseas licence to a NZ PPL. We also offer full assistance in helping you validate or obtain your full New Zealand PPL or CPL.



Flying conditions and weather seldom prevent experiencing an opportunity and an environment unparalleled in the world (assurance given by so many overseas pilots). We are fortunate to have it all in our back yard and enjoy sharing the experience with others fortunate enough to make the choice.

CONTACT DETAILS:

**WANAKA**  
**FLIGHT TRAINING LTD**

Spitfire Lane  
Wanaka Airport

CHIEF FLYING INSTRUCTOR

**Peter Hendriks**

Website: [www.learntoflynz.com](http://www.learntoflynz.com)

Email: [train@learntoflynz.com](mailto:train@learntoflynz.com)

Telephone: - 64 3 443 4043

Mobile: - 64 27 220 9277