



Tauranga Aero Club

Gateway Course 2021



Welcome to the Tauranga Aero Club. This guide has been produced by the Tauranga Aero Club to outline the Gateway Course we offer to our local schools.

What is the Tauranga Aero Club?

The Tauranga Aero Club is an incorporated society owned by its members. Although the club is professionally and commercially run, it is administered by a committee which is elected by the club members and any surpluses made are re-invested into the club. The club operates a fleet of eight aircraft – 4 two-seat Cessna 152s, 3 four-seat Cessna 172s which includes a G1000 and a six-seat PA34-200 Seneca. The Club operates from a modern clubhouse with a reception, training rooms, hangar and bar-lounge and has a staff of eight instructors and two administrators.

The aero club movement was established in 1932 shortly after WWII. Among those present was Mrs. Hilda Hewlett, the first female pilot to hold a pilot's licence in the British Empire. She was elected the first president of the Tauranga Aero Club. At the time, the club's charter was to *promote aviation to the wider public* and this remains a foundation of the club charter today. Although aviation is well established in today's society, there is probably less need to promote the new, exciting, and slightly crazy fad of charging around the sky in biplanes. The club exists today to give access to aircraft at a reasonable cost to club members, as a social club, a commercial operation, to provide a career pathway for young pilots aspiring to an airline career, and to introduce as many people as possible to the joy of learning to fly.

What does our Gateway Course Offer?

Our program runs for 8 weeks. Over these 8 weeks there is a weekly 2.5-hour session with an instructor which will entail some ground training and 3 practical flying lessons that cover:

- Effects of Controls 1 & 2
- Straight and Level and Medium Turns
- Climbing and descending

These flights can be put toward a Private Pilot Licence (PPL) if students choose to continue flight training.

Apart from the flights, students will be exposed to other aspects of Tauranga Airport's operations such as, maintenance and engineering, air traffic controlling, ramp operations, and aircraft flight attending. This will give Gateway students a wide exposure to the industry and enable them to identify various aviation career pathways.

The course consists of 6 unit-standard papers giving a total of 20 credits (19 at level 2 and 1 at level 1). Instructors at the aero club will provide instruction and assistance to complete the Service IQ workbooks that contribute toward these credits.

	Unit standard title	Level	Credits
16818	Demonstrate knowledge of aviation industry law, systems and procedures	1	1
19585	Describe the development of aviation from pre-World War 1 through to current times	2	8
19586	Identify aviation support structures, aircraft types and operations in New Zealand	2	3
19587	Demonstrate knowledge of internal structures in the civil aviation industry in New Zealand	2	3
20676	Demonstrate knowledge of aviation career and training options	2	3
20677	Demonstrate knowledge of the principles of aircraft flight	2	2
Total Credits			20

How Much Does it Cost?

Service IQ Costs

Resource package of 6 units

Assessment costs for resources

Amount payable to Service IQ = \$402.50 (incl. GST)

Tauranga Aero Club (TAC) Costs

Full program costs including three 0.5-hour flights, airways and landing fees, round tuition, and briefings.

Amount payment to TAC = \$550.00 (incl. GST)

*TAC amount must be paid prior to course commencement.

TOTAL COST = \$952.50

What is the schedule for the 2021 course?

Below is our planned schedule for Term 2, 2021. This is subject to change, depending on weather and availability. All lessons will start at 1pm and end at 3.30pm on Wednesdays.

Week 1: 12th May 2021

Introduction to the course

Flight Preparation: Introduction to the aircraft, pre-flight and Tauranga Airport overview of pilot licence requirements

Week 2: 19th May 2021

Flight Lesson 1 – Effects of Controls One and Two

Including pre-flight, briefing, 20min flight lesson and flight debrief

Week 3: 26th May 2021

Maintenance: Today we will look at what is involved in the job of a Licenced Aircraft Maintenance Engineer (LAME). We will visit a Tauranga Airport based maintenance provider where you can see firsthand what is involved.

Week 4: 22nd June 2021

Flight Lesson 2 – Straight and Level

Including pre-flight, briefing, 20min flight lesson and flight debrief

Week 5: 9th June 2021

Air Traffic Control: Visit Tauranga Airport control tower and look at the steps and processes that are involved in the job as an Air Traffic Controller.

Week 6: 16th June 2021

Flight Lesson 3 – Climbing and Descending

Including pre-flight, briefing, 20min flight lesson and flight debrief

Week 7: 23rd June 2021

Air Side Ramp Operations – We will see how ramp operations work and talk to some of Air New Zealand's staff.

Flight Attendant: Today we will look at becoming a Flight Attendant and hopefully get the opportunity to speak to an Air New Zealand Flight Attendant.

Week 8: 30th June 2021

Book work

Flight catch up (in case weather is not suitable in the selected flying weeks, this day will be used to catch up on lost flying time.)

I am interested in participating in Gateway, how can I sign up?

The Gateway course only has limited spaces available. Therefore, participants are required to submit a short letter expressing their interest in aviation and their reasons for undertaking the course to support their application.

School Gateway Co-Ordinator's must complete a Gateway MOU registration form, accessed through the link below:

<https://www.serviceiq.org.nz/assets/Attachments/Schools/SIQ-Gateway-MOU-Ed4-Dec20.pdf>

Schools will need to register their students via the following registration form with ServiceIQ. This will also order the resources for each student.

<https://www.serviceiq.org.nz/assets/Attachments/Schools/SIQ-Gateway-Reg-Form-Ed7-Jan21-INTV.pdf>

What do I need to bring and wear?

Students must be presentable during Gateway visits. Tidy casual clothing is required and closed in covered footwear - heels or jandals are not acceptable.

Sunscreen and sunglasses are also imperative for flying as the aircraft's cockpit can expose pilots to a fair amount of sun.

Please make sure you dress warmly in the cold months as we will be outside on flight days and it gets even colder up in the air.

The aero club will provide headsets and any other required flying items.

Feel free to bring any food or snacks to keep you energized. The club has kitchen facilities with tea and coffee will be available.

How can I get more information about Gateway?

Service IQ Flyer/Information about Gateway:

[A-Gateway-PBS-Aviation-Flying-Ed11-Feb21.pdf](#)

I have enjoyed the Gateway program! What do I have to do to obtain a Pilot Licence?

A Private Pilot Licence, (PPL) enables you to carry passengers with you on flights, although you are not able to charge for your services. You can hire an aircraft that you are type rated on, or buy your own aircraft, and you are able to fly anywhere in New Zealand. Some continue in their training to obtain a Commercial Pilot Licence, (CPL) and ultimately a career in aviation.

To be eligible for the issue of a PPL, you must be at least 17 years old. You may start your training before this, but you will not be able to go solo until you are 16 years of age and you will not be able to sit the PPL flight test until you are 17 years of age.

Before you can be sent solo you must obtain a Class 2 Aviation Medical Certificate. This is issued following a medical examination by a Civil Aviation Authority designated medical examiner. The medical requirements for a Class 2 medical are not onerous – wearing glasses or colour blindness are not showstoppers.

Before you can sit your final flight test you must have logged the following minimum flight hours:

- 50 hours total flight time.
- 15 hours total dual flight instruction.
- 15 hours total solo flight time.
- 5 hours dual instruction in instrument flying.
- 5 hours dual instruction in Terrain and Weather Awareness
- 5 hours dual cross country flying and 5 hours solo cross-country flying.

In addition to your practical training and hour requirements you must pass written examinations in the following:

- Air Law
- Meteorology
- Navigation and Flight Planning
- Aircraft Technical Knowledge
- Human Factors
- Flight Radio Telephony

How Does Flight Training at the Aero Club Work?

When you are ready for your first lesson, contact us and book yourself in for a lesson. A lesson consists of a 20-minute PowerPoint briefing in the briefing room, followed by a 45-minute flight, followed by a short debrief. You should allow two hours for each lesson. You can fly any day of the week, subject to weather and other students booking the aircraft ahead of you.

As you progress through the training program you will pick up training reference material to study at home. The first step is to purchase our Student Pilot Guide (\$15). This is a comprehensive guide that details all the steps involved in the training program and the requirements at each stage. You will also need to obtain a New Zealand pilot logbook and the New Zealand Flying Training Manual early on in your training, although these are not required for the first one or two lessons.

You can train as fast or as slow as you like. An optimum pace is one lesson per week. This gives you time between lessons to absorb what was taught in the previous lesson and prepare for the next one. Others have more time on their hands and train full time. A PPL can be completed in about 2-3 months if you work hard and are good at studying for and sitting exams.

Where are we located and how can you contact us?

Phone: 07 5753210

Email: info@flytac.co.nz

Address: 240 Aerodrome Road, Mount Maunganui 3116

