

Certificate in Australian Private Pilot Licence Training (Adult Class)

Australian Private Pilot Licence Training (Secondary Student Class F.4 – F.7)



FLY HIGH • THINK BIG

Unique Pilot Training Programme for High Flyers



Passion • Determination • Discipline • Self Actualisation
Theory and Simulation in Hong Kong • Practice in Australia

The University of Hong Kong
School of Professional and Continuing Education

In collaboration with

Hong Kong Flight Training Centre



Certificate in Australian Private Pilot Licence Training (Adult Class)

Introduction

This programme is designed for students who are interested in aviation and flying but has no prior knowledge in such area. Students will acquire the knowledge and skills in areas of general aviation and flying from a beginner's perspective through the intensive theory classes and flight simulation practice training.

Programme Structure

The programme is based on the Syllabus for the Private Pilot's Licence (Aeroplanes) published by Civil Aviation Safety Authority (CASA) of the Australian Government. It contains 4 articulated modules which will lead to the Private Pilot Licence (PPL) level of training. The medium of instruction is English, supplemented with Cantonese. Each module consists of 20 hours of theory class and 10 hours of simulation practice. A wide screen flight simulation practice (with Aeroplane model C172) will be used throughout the programme. The four individual modules are as follows:



Part A

- (A1) First Solo Module
- (A2) General Flying Progress Test (GFPT) Module

Part B

- (B1) Navigation and Meteorology Module
- (B2) Performance, Planning and PPL Test Module

Entry Requirements

The minimum entry requirement is 18 years of age with proven evidence of English proficiency such as:

- i) HKCEE English Language at Level 2
- ii) HKCEE English Language (Syllabus B) at grade E or Grade C in the case of English Language (Syllabus A)

Assessment

The assessment for the programme comprises a written examination and successful completion of various tasks in the flight simulation practice with a minimum of 70% attendance.

Award

Award Level	Module Completed
Statement of Attendance	Any individual module (no assessment required)
Statement of Achievement	Any individual module plus a pass in the module assessment
Certificate in Australian Private Pilot Licence Training	Completed all 4 modules plus a pass in each module assessment within 24 months



Fees

The programme design offers flexible learning modes and students may apply for the programme in module basis.

- Tuition fees
 - HK\$3,020 for each module;
 - HK\$5,700 for package enrolment of the 2 modules in Part A or Part B
 - HK\$11,400 for the Certificate Course
- Learning Packages
 - Part A – The Complete Student Pilot Manual: HK\$730;
 - Part B – PPL Pilot Instruction Kit : HK\$1,280

Programme Duration and Teaching Mode

The Certificate in Australian Private Pilot Licence Training can be completed in 1 year (two semesters) on part-time basis with maximum extension of two years. There are 2 intakes per year commencing in January and September. The course will be taught by qualified lecturers with theory lectures on weekday evenings and flight simulation practice on weekends.

Module Description

(A1) First Solo Module

Introduce general aviation and knowledge of flying including aviation terminology, air law & flight rules, flight procedures, basic principles of flight, how powered aircraft works, the typical training aircraft, engine systems & flight instruments. It also covers some topics in human performance & limitation, simple navigation using aeronautical charts & radiotelephony communications to prepare students for their first solo flying.

Flight simulation classes will include aircraft familiarisation, pre-flight aircraft & instrument checks, radiotelephony practice, take-off, climb, straight and level flight, turns & circuit flying. A progress test will be conducted at the end of the module.

(A2) General Flying Progress Test (GFPT)

Module Pre-requisite : First Solo Module

With an Australian GFPT licence, students may carry passengers to fly in designated areas where they were trained. This module will focus on more specific topics that are required for qualified solo flying such as aircraft performance, calculation on load & balance, documentations, emergency procedures, meteorology & human factors. This module will prepare students to attend the Basic Aeronautical Knowledge (BAK) test which is part of the requirement for obtaining the GFPT qualification.

Flight simulation classes will include consolidation on approach & landing, circuit training, basic navigation aids & emergency practice. A mock BAK test will be conducted at the end of the module.



(B1) Navigation and Meteorology Module Pre-requisite : GFPT Module

This module will cover two essential topics – navigation & meteorology – in pilot training for obtaining the full Private Pilot Licence. Air navigation techniques, use of aeronautical charts, map reading techniques, use of radio navigation aids on VFR flight will be discussed. For the meteorology part, atmospheric fundamentals, clouds & precipitation, pressure systems, wind, hazardous weather & Australian aviation MET services will be discussed.

Flight simulation classes will include demonstration on navigation flight, identification of ground features & practice in the use of radio navigation aids. A progress test will be conducted at the end of the module.

(B2) Performance, Planning and PPL Test Module Pre-requisite : Navigation & Meteorology Module

Details of aircraft performance & flight planning will be discussed in this module. This will include airworthiness & aircraft equipment; aircraft data on airspeed, manoeuvre & weight limitations; takeoff & landing performance & aircraft loading & balance calculation. Flight planning will include initial planning, route & level selection, navigation plan, time & fuel planning, planning for emergencies & flight notification.

Flight simulation classes will be replaced by flight planning exercises and a mock PPL theory test which will be conducted at the end of the module.

Progression of Training

First Solo
Theory 20 hrs

GFPT
Theory 20 hrs

Nav & Met
Theory 20 hrs

PPL Test
Theory 20 hrs

10 hours Flight Simulation Practice for each module



Australian Private Pilot Licence Training (Secondary Student Class F.4 – F.7)

Introduction

The programme is designed for senior secondary students (F.4 – F.7) who are interested in aviation and learning to fly. It will prepare students with the necessary knowledge and skills that are required for supporting their future practical flight training. The curriculum is based on the syllabus for the Australian Private Pilot Licence (Aeroplanes) published by Civil Aviation Safety Authority (CASA) of the Australian Government. It contains 3 articulated modules which will lead to the recognized Australian General Flying Progress Test (GFPT) level of training.

A wide screen flight simulation practice (with Aeroplane model C172) will be used throughout the programme.

Programme Structure

- (1) Sky Experience Module
- (2) First Solo Module
- (3) General Flying Progress Test (GFPT) Module



Progression of Training

Sky Experience
Theory 15 hrs

First Solo
Theory 15 hrs

GFPT
Theory 15 hrs

5 hours Flight Simulation Practice for each module

Entry Requirement

Secondary 4 to 7 students with average ability in written and spoken English

Assessment

The assessment for the programme comprises a written examination and successful completion of various tasks in the flight simulation practice with a minimum of 70% attendance.

Award

Statements of Achievement will be issued to students who have passed the written and flight simulation practice assessment with a minimum of 70% attendance.

Fees

The programme fee is HK\$2,380 per module or HK\$6,400 for package enrolment of 3 modules. A learning package for the 3 modules at HK\$730 must also be purchased.



Teaching Mode

There are 2 intakes per year commencing in January and September. The programme will be taught by qualified lecturers with theory lectures on weekday late afternoons and flight simulation practice on weekends.

Module Description

(1) Sky Experience Module

Introduce the general aviation and flying knowledge including basic principles of flying, how powered aircraft works, the typical training aircraft, aviation terminology, air law and flight rules, flight procedures, simple navigation, radiotelephony communications and how weather conditions affects flying.

Flight simulation classes will include aircraft familiarisation, pre-flight aircraft and instrument checks, radiotelephony practice, take-off, climb, straight and level flight and turns.

A progress test will be conducted at the end of the module.



(2) First Solo Module

Students will be taught in details in many areas such as the engine systems, flight instruments, more on operational procedures, flight performance and basic navigations using aeronautical charts. Some topics in human performance & limitation will be explored. Further training on radiotelephony conversation using a simulated environment will be provided to prepare students for their 1st solo flying.

Flight simulation classes will include pre-flight aircraft and instrument checks, general handling, approach and landing, introduction to the circuit and emergency practice.

A progress test will be conducted at the end of the module.

(3) General Flying Progress Test (GFPT) Module

With an Australian GFPT licence, students may carry passengers to fly in designated areas where they were trained. This module will focus on more specific topics that are required for qualified solo flying such as aircraft performance, calculation on load & balance, documentations, emergency procedures, meteorology and human factors. This module will prepare students to attend the Basic Aeronautical Knowledge (BAK) examination which is part of the requirement for obtaining the GFPT licence.

Flight simulation classes will include consolidation on approach & landing, circuit training, basic navigation aids & emergency practice.

A mock BAK examination will be conducted at the end of the module.



Articulation

Students who want to experience flying an aircraft or to obtain a GFPT qualification or a full PPL may join the practical flight training in Australia organized twice a year by the Hong-Kong Flight Training Centre (HKFTC). The training is run in collaboration with the Royal Queensland Aero Club (RQAC) in Brisbane, Australia and is designed for those who have completed the theory and simulation parts of the relevant module jointly provided by HKFTC and HKU SPACE.



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