



Advanced Aviation Education Programme (Helicopter) 2017

Programme Outline & Rules and Regulations

(19-2-2017)

1. Programme's Aim and Objectives

With the support from the Community Chest of Hong Kong, this non-profitable programme aims to introduce the world of helicopter aviation to those who wish to learn more about the pilot training syllabus, latest helicopter technology and development.

The objectives are to introduce and to promote a pilot's:

- Attitude (Willing to share, concern the others, respect to seniors, etc)
- Discipline (Be punctual, stick to rules and regulations, etc)
- Habit (Be familiar with aviation weather, aviation news, books, etc)
- Mindset (Passion in flying, think ahead and plan for all circumstances, 5P, positive thinking, etc)
- Communication (Effective communication and proficiency in English speaking and listening, etc)

With reference to Australian Private Pilot (PPL) and Commercial Pilot (CPL) helicopter training syllabus, the programme aims to provide a wide range of aviation and pilot training related subjects.

2. Eligibility

The programme is open to HKACC members and the general public at a **minimum age of 16**. A reasonable understanding of English with science academic background is desirable.

3. Programme Features

- 1.1 Helicopter Flight Simulator trial flight experience (Approx. 10 mins)
- 1.2 Intensive Training Group (For candidates who are going to apply Cadet Pilot Programme selection process)
- 1.3 Comprehensive lectures
- 1.4 Interview technique and group exercise training
- 1.5 Introduction to the Air Traffic Control operation
- 1.6 Introduction to aviation safety and analysis of air accident
- 1.7 Training Projects – Different training projects related to flight simulator training, flight planning, load control, in-flight services, teambuilding and leadership training, Cadet Pilot Programme selection process, air traffic management, pilot's etiquette training, heliport, engineering workshop, search and rescue operation, jetliner cockpit familiarization, etc (To be held on weekdays, weekends or Sunday)

Companies / Government Departments involved in the Training Projects

- 01 Cathay Pacific Airways
- 02 Cathay Dragon Airways
- 03 Government Flying Service
- 04 Sky Shuttle Helicopters Ltd
- 05 Heliservices (HK) Ltd
- 06 Hong Kong Aircraft Engineering Company Ltd
- 07 Hong Kong Aero Engine Service Company Ltd
- 08 Hong Kong Airlines
- 09 Hong Kong Express
- 10 CAD Air Traffic Control Complex
- 11 CAE Hong Kong Flight Training Centre
- 12 Hong Kong Air Services Company Ltd
- 13 Hong Kong Airport Authority

*Projects are subject to approval of individual companies/organizations/Government Departments.

*Quota for each project is limited and will be confirmed through the ballot draw.

*Some projects may be joined by AAEP (Fixed-wing) candidates and past alumnus

*Leadership and teambuilding training day camp expense will be self-financed.

*Candidates are required to pre-study / attend briefing session and to submit project/activity report within two weeks after each project event.

*Candidates are required to dress in **business attire** for all project activities unless specified.

*Business Attire - Black or dark colour suit, trouser, white or light colour shirt, black shoe and tie (Male only).

Programme Structure

Candidates are required to obtain a full understanding of the following subjects in two separate Modules.

MODULE ONE (Mar 2017 – Jul 2017)

No.	Subject	No. of Session
1	Introduction to the World of Helicopter Aviation	1
2	Helicopter Pilot Flight Training Syllabus Introduction/Hong Kong Helicopter Operators	1
3	Air Traffic Control Management	1
4	Helicopter Aerodynamics**	5
5	Helicopter Piston/Gas Turbine Engine, System and Instruments**	4
6	Flight Rules & Air Law**	2
7	Aviation Meteorology**	2
8	Helicopter Type Knowledge	1
9	Module One Examination (Covered 4 subjects indicated with **)	1

MODULE TWO (Aug 2017 – Nov 2017)

1	Interview technique and group exercise training	1
2	Safety Management and Air Accident	1
3	Air Navigation and Flight Planning**	4
4	Helicopter Performance and Loading**	2
5	Radio Telephony**	1
6	Aviation Physiology and Psychology**	1
7	Module Two Examination (Covered 4 subjects indicated with **)	1

4. Mode of Attendance

Part-time evening (Please refer to programme timetable on page 5)

5. Method of Teaching

Classroom Lectures

Teaching language will be Cantonese supplemented with English.

6. Assessment

There are two examinations to be conducted at the end of each module respectively. Each exam carries 4 subjects.
Pass mark for each subject: 50 %

7. Recognition

Students who have passed the 8 subjects will be awarded “Certificate of Achievement” issued by HKACC.

Students who have obtained not less than 80% attendance will be awarded “Certificate of Participation”. (Only one certificate will be issued) Cadets who have completed the course could apply for parallel recognition of all aviation subjects required for the Senior Cadet and Staff Cadet classifications.

8. Scholarships

A specific amount of scholarships to be distributed to the candidates with best performance.

Scholarship (2-3) : 5-hour helicopter flight training course at Flight Training Adelaide (FTA), Australia and return air ticket. (FTA - Home of Cathay Pacific, GFS and Cathay Dragon Cadet Pilot)

Scholarship (1) : On line Commercial Pilot Theory Course (Subject to final confirmation)

Scholarship (2) : Helicopter Flight Simulator Training Session

Scholarship (3) : Phoenix Award - R44 or R22 Helicopter Flight Experience

Scholarship (5) : MD902 Helicopter Flight Experience

**The quantity of flying scholarships is based on the actual application fee collected in each year which serve as our major programme income.

Special thanks to our sponsors : Mr. Hogan Loh, Australia Becker Helicopter Pilot Academy, Cathay Pacific Airways, Heliservices (HK) Ltd. And SimFlyer Limited who have provided continuous support and sponsorship to the programme.

8. Programme Fee

General Public	: \$3500
HKACC Senior member (21 of age or above as at the programme commencement date)	: \$2800
HKACC Cadet member (Below 21 of age as at the programme commencement date)	: \$1700

*Programme fee included one major textbook – Helicopter Aerodynamics

The programme income is used to cover the cost of programme materials, scholarship and graduation dinner. All programme staff and instructors are VOLUNTEERS. Programme fee will not be refundable after the applicants have accepted the offer of a place in the programme. Enrolment fee of \$30 is applicable for non-HKACC member to enroll as HKACC Associate Member. Extra 4 textbooks and 3 navigation tools are recommended for the programme (Approx. \$2200-\$2700 and \$200-\$300 respectively) at candidates' own decision and expense. (Books and navigation tools ordering procedures will be announced in the first lesson)

10. Application Procedure

Applicant should submit a completed application form (With one passport size photo), together with a crossed cheque payable to "Hong Kong Air Cadet Corps". The application shall reach HKACC HQ General Registry on or before the closing date. The closing date of application for AAEPH 2017 is on **3 Mar 2017 (Fri) 1800**. Incomplete applications will not be processed.

11. Selection Procedures

HKACC members are required with the recommendation from OC Units/Squadron. Applicants may be required to attend an interview organized by the Work Team.

12. Code of Conduct

Students shall observe the customs and courtesy of HKACC. Classroom discipline applies.

13. Programme Administration

The HKACC reserve all rights to alter, revise and administer all materials and activities in the programme without prior notification and consultation with the students.

14. Admission Enquiries

Enquiries can be addressed to:

Advanced Aviation Education Programme (Helicopter) 2017
Hong Kong Air Cadet Corps Headquarters
Sung Wong Toi Road
Kowloon City
Hong Kong

Telephone: 2712 8900
Fax: 2715 6944
Email: hq@aircadets.org.hk
Website : <http://www.aircadets.org.hk>
Facebook: <http://www.facebook.com/hkacc.aewing>

Helicopter Pilot Training in Australia

1. Opportunities of Flying Training

The AAEPH Work Team is pleased to provide information of helicopter flight training in Australia in order to render support to those participants who may pursue flying as a hobby or as a career.

2. Pathway to Helicopter Pilot Licence in Australia

<u>Phase</u>	<u>Theory Exam</u>	<u>Practical Flying**</u>	<u>Attainment / Licence</u>	<u>HKACC's Recognition</u>
One	Pre-solo	(1-15 hrs)*	First solo	Aircrew Badge
Two	Pre-area solo	(15-25 hrs)*	Area solo	Aircrew Badge
Three	BAK	(25-50 hrs)*	General Flying Progress Test	Aircrew Badge
Four	PPLH Exam	(50-70 hrs)*	Private Pilot Licence	Pilot Badge
Five	CPLH Exam	(125 hrs up)	Commercial Pilot Licence	Pilot Badge

3. **Recognition of Qualifications**

All member states of International Civil Aviation Organization (ICAO), including United Kingdom, United States, China and Hong Kong, recognize the Australian Private Pilot Licence (Helicopter)(PPLH). However, conversion to local licence may be necessary as stipulated by Individual Civil Aviation Authorities.

4. **Programme Staff**

Programme Advisors :

HONG KONG AIR CADET CORPS

Mr. Hogan LOH
Air Commodore Norman LO
Group Captain Lee Kwok Wing
Wing Commander Wilson CHAN
Wing Commander John LI
Wing Commander Ivan CHAN
Squadron Leader Kenneth LEUNG
Specialist Squadron Leader Steve WONG
Specialist Squadron Leader Marcus CHAN

BECKER HELICOPTERS PILOT ACADEMY

Captain Mike BECKER

Guest Instructors Pool

Work Team

Captain Alan CHONG	Flt Lt Hermes HO (Programme Director)
Captain Cody WONG	Plt Off Frank HUNG
Captain Victor LAU	Plt Off Taylor Wu
Captain Ivan TSANG	Instr Hugo SIN
Captain Jim TANG	
Captain Joseph Li	
First Officer Jordan CHAN	
First Officer Judy CHOI	
Pilot Elaine CHAN	
Squadron Leader (sp) Johnny YEE	
Squadron Leader (sp) Dandy WONG	
Squadron Leader Albert HONG	
Squadron Leader KWOK Yue	
Flight Lieutenant (sp) Richard CHEUNG	
Flight Lieutenant (sp) Ada LI	
Flying Officer (sp) Sunny CHAN	
Flying Officer (sp) Linus YU	
Pilot Officer Anthony AU	
Pilot Officer Alex TONG	
Pilot Officer Leo CHAN	
Other experienced pilot	

5. **Venue**

Hong Kong Aviation Club or suitable venue (Venue is subject to change with prior notice)

6. **Class Size**

Maximum 60

7. Programme Calendar (2017)

Module One

Date	Time	Subject
10 Mar 2017	1930-2130	Programme Introduction, briefing and administration
16 Mar 2017	1930-2200	An Introduction to the World of Helicopter Aviation
24 Mar 2017	1930-2200	Helicopter Pilot Flight Training Syllabus An Introduction to Hong Kong Helicopter Operators
31 Mar 2017	1930-2200	Helicopter Aerodynamics 1
7 Apr 2017	1930-2200	Helicopter Aerodynamics 2
13 Apr 2017	1930-2200	Helicopter Aerodynamics 3
21 Apr 2017	1930-2200	Helicopter Aerodynamics 4
28 Apr 2017	1930-2200	Cadet Pilot Programme Seminar
5 May 2017	1930-2200	Helicopter Aerodynamics 5
12 May 2017	1930-2200	Helicopter Engine/Gas Turbine/Systems/Instrument 1
19 May 2017	1930-2200	Helicopter Engine/Gas Turbine/Systems/Instrument 2
26 May 2017	1930-2200	Helicopter Engine/Gas Turbine/Systems/Instrument 3
2 Jun 2017	1930-2200	Helicopter Engine/Gas Turbine/Systems/Instrument 4
9 Jun 2017	1930-2200	Helicopter Type Knowledge
16 Jun 2017	1930-2200	Flight Rules and Air Law 1
23 Jun 2017	1930-2200	Flight Rules and Air Law 2
7 Jul 2017	1930-2200	Meteorology 1
14 Jul 2017	1930-2200	Meteorology 2
21 Jul 2017	1930-2200	Air traffic Control Management
28 Jul 2017	1930-2200	Module One Examination

Module Two

1 Sep 2017	1930-2200	Air Navigation and Flight Planning 1
8 Sep 2017	1930-2200	Air Navigation and Flight Planning 2
15 Sep 2017	1930-2200	Air Navigation and Flight Planning 3
22 Sep 2017	1930-2200	Air Navigation and Flight Planning 4
29 Sep 2017	1930-2200	Helicopter Performance
6 Oct 2017	1930-2200	Helicopter Weight and Balance
13 Oct 2017	1930-2200	Flight Simulator Operation Briefing Session
20 Oct 2017	1930-2200	Radio Telephony
27 Oct 2017	1930-2200	Aviation Physiology and Psychology Knowledge
3 Nov 2017	1930-2200	Safety Management and Air Accident
10 Nov 2017	1930-2200	Interview technique and group exercise training
17 Nov 2017	1930-2230	Module Two Examination
24 Nov 2017		Open Application for Scholarship
Two evenings	TBC	Scholarship Assessment and Interview
8 Dec 2017 TBC	1930-2300	Graduation dinner and certificate presentation

Important Reminder

***Owing to the Hong Kong Aviation Club does not guarantee the availability of lecture room booking for each lesson, in case any Friday lecture room booking is not available, the lecture date will be changed to Thursday of the same week with prior notice. In this case applicants should consider carefully for the availability of both Thursday and Friday evening before submit the application.**

***Because of special shift duty of the instructors (eg. Pilot, Engineer and Air Traffic Controller), the lecture topics are subject to change with prior notice.**

***Applicants must take a careful consideration before applying this programme regarding the availability to attend both examinations as there will be **NO alternative examination arrangement.** (Exam date: 28 Jul 2017 and 17 Nov 2017)**

