



Becker Helicopters Pilot Academy



Advanced Aviation Education Programme (Helicopter) 2018 An Integrated Aviation Programme for Pilot Wannabes

(14-2-2018)

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 aviation to those who wish to learn more about the pilot training, latest 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) 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 Flight Simulator trial flight experience
- 1.2 Intensive Training Group For Future Cadet Pilot
Training session conducted by Airlines/GFS Captains and pilots during any weekday evening
- 1.3 Cadet Pilot Programme Training Session (CX KA HX)
- 1.4 Interview technique and group exercise training
- 1.5 Introduction to the Air Traffic Control Management
- 1.6 Introduction to Aviation Safety and Air Accident Investigation
- 1.7 English is the official language among candidates during class and activities
- 1.8 Training Projects – Different training projects related to flight simulator training, flight planning, load control, in-flight services, teambuilding and leadership training, pilot's etiquette training, airliner cockpit familiarization, etc (To be conducted on weekdays, weekends or Sunday)

Sample 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 CAE Hong Kong Flight Training Centre
- 10 Hong Kong Air Services Company Ltd
- 12 Hong Kong Airport Authority

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

*Quota for each project is limited and may be required to undergo group or individual assessment

*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 submit assignment and project/activity report within two weeks after each project

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

***Business Attire Standard :**

Male - Black or dark colour suit, trouser, white colour shirt, tie and black shoe

Female – Black or dark colour suit, trouser/skirt white colour shirt and black shoe

Programme Structure

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

MODULE ONE (Mar 2018 – Aug 2018)

No.	Subject	No. of Session
1	Aerodynamics	5
2	Piston/Gas Turbine Engine, System and Instruments	4
3	Flight Rules & Air Law	2
4	Aviation Meteorology	2
5	Module One Examination	1

MODULE TWO (Sept 2018 – Dec 2018)

1	Air Navigation and Flight Planning	4
2	Flight Performance and Loading	2
3	Radio Telephony	1
4	Aviation Physiology and Psychology	2
5	Module Two Examination	1

4. Mode of Attendance

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

5. Method of Teaching

Classroom lectures, assignments, reports, group discussion and visit projects

Teaching language will be both Cantonese and English

Communication between candidates during lecture will be 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 70% 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

Scholarship (1) : On line Commercial Pilot Theory Course

Scholarship (2) : Flight Simulator Training Session

Scholarship (3) : Phoenix Award - R44 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 served 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	: \$4030
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)	: \$1500
Hong Kong Polytechnics University Student	: \$2830

*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 (\$4030 & \$2830 inclusive) Extra 4 textbooks and 3 navigation tools are recommended for the programme (Approx. \$2500-\$3000 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

Please fill in the information at the below link

<https://goo.gl/forms/Nkg76m668gBoBZUR2>

Deadline for Application : **3 Mar 2018 1800**

11. Selection Procedures

Short listed candidates will be invited to attend the selection assessment and is required to bring along with :

- A Recommendation Letter from OC Units/Squadron hard copy (For HKACC members only)
- One passport size photo
- A cheque payable to "HONG KONG AIR CADET CORPS" for programme fee (Will be returned if unsuccessful)

Assessment Date : **9 Mar 2018 (Or 8 Mar 2018)(TBC)**

Time : Between 1930-2230 (According to designated time slot)

Venue : Gotfried Room , HK Aviation Club (TBC)

*Candidates who have not received the notification email on or before 14 Mar 2018 will be assumed their application was unsuccessful

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. 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.

15. Pathway to 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

16. 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. However, conversion to local licence may be necessary as stipulated by Individual Civil Aviation Authorities.

17. Programme Staff

Programme Advisors : **HONG KONG AIR CADET CORPS**
Mr. Hogan LOH
Air Commodore Michael CHAN
Group Captain Lee Kwok Wing
Wing Commander Wilson CHAN
Wing Commander Ivan CHAN
Specialist Squadron Leader Steve WONG
Specialist Squadron Leader Marcus CHAN

BECKER HELICOPTERS PILOT ACADEMY
Captain Mike BECKER

Programme Consultants : Specialist Squadron Leader Johnny Yee
Squadron Leader Cody Wong

Guest Instructors Pool

Work Team

Captain Alan CHONG	Flt Lt Hermes HO (Programme Director)
Captain Cody WONG	AE Wing Project Officers
Captain Victor LAU	
Captain Ivan TSANG	
Captain Jim TANG	
Captain Richard CHEUNG	
Captain Joseph LEE	
Captain Chit LAU	
First Officer Jordan CHAN	
Pilot Elaine CHAN	
Squadron Leader (sp) Johnny YEE	
Squadron Leader (sp) Dandy WONG	
Squadron Leader Albert HONG	
Flight Lieutenant (sp) Ada LI	
Flight Lieutenant (sp) Leo CHAN	
Flight Lieutenant (sp) Anthony AU	
Flying Officer (sp) Sunny CHAN	
Ms Judy CHOI	

18. Venue

Hong Kong Aviation Club and Polytechnics University (Venue is subject to change with prior notice)

19. Class Size

Maximum 60

20. Admission Enquiries

Enquiries can be addressed to:

Advanced Aviation Education Programme (Helicopter) 2018
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>

21. Programme Calendar (2018)

Module One

Date	Time	Subject
16 Mar 2018	1930-2130	Programme Introduction / briefing and administration
23 Mar 2018	1930-2200	An Introduction to the World of Helicopter Aviation
6 Apr 2018	1930-2200	Pilot Flight Training Syllabus Hong Kong Helicopter Operators
13 Apr 2018	1930-2200	Cadet Pilot Programme Training Session (PolyU PQ304)
20 Apr 2018	1930-2200	Basic Principle of Flight and UAV Operation
27 Apr 2018	1930-2200	Aerodynamics 1
4 May 2018	1930-2200	Aerodynamics 2
11 May 2018	1930-2200	Aerodynamics 3
18 May 2018	1930-2200	Aerodynamics 4
25 May 2018	1930-2200	Engine/Gas Turbine/Systems/Instrument 1
1 Jun 2018	1930-2200	Engine/Gas Turbine/Systems/Instrument 2
8 Jun 2018	1930-2200	Engine/Gas Turbine/Systems/Instrument 3
15 Jun 2018	1930-2200	Engine/Gas Turbine/Systems/Instrument 4
22 Jun 2018	1930-2200	Type Technical Knowledge
29 Jun 2018	1930-2200	Flight Rules and Air Law 1
6 Jul 2018	1930-2200	Flight Rules and Air Law 2
13 Jul 2018	1930-2200	Air traffic Control Management (PolyU TBC)
20 Jul 2018	1930-2200	Meteorology 1
27 Jul 2018	1930-2200	Meteorology 2
3 Aug 2018	1930-2200	Break
10 Aug 2018	1930-2200	Module One Examination (PolyU TBC)

Module Two

7 Sept 2018	1930-2200	Air Navigation and Flight Planning 1
14 Sept 2018	1930-2200	Air Navigation and Flight Planning 2
21 Sept 2018	1930-2200	Air Navigation and Flight Planning 3
28 Sept 2018	1930-2200	Cadet Pilot Programme Training Session (PolyU TBC)
5 Oct 2018	1930-2200	Air Navigation and Flight Planning 4
12 Oct 2018	1930-2200	Safety Management and Air Accident Investigation (PolyU TBC)
19 Oct 2018	1930-2200	Flight Performance
26 Oct 2018	1930-2200	Break
2 Oct 2018	1930-2200	Flight Weight and Balance
9 Nov 2018	1930-2200	Type Technical Knowledge
16 Nov 2018	1930-2200	Aviation Radio Telephony
23 Nov 2018	1930-2200	Aviation Physiology and Psychology Knowledge
30 Nov 2018	1930-2200	Aviation Physiology and Psychology Knowledge
7 Dec 2018	1930-2200	Interview technique and group exercise training
14 Dec 2018	1930-2200	Break
21 Dec 2018	1930-2200	Module Two Examination (PolyU TBC)
28 Dec 2018		Open Application for Scholarship
TBC	1930-2230	Scholarship Assessment and Interview
18 Jan 2019	1930-2300	Graduation dinner

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.

*Owing to 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 or make up examination arrangement (Exam date: 10 Aug 2018 and 21 Dec 2018)

