

Advanced Aviation Education Programme (Helicopter) 2019 Integrated Aviation Programme

(18-2-2019)

1. Programme's Aim and Objectives

This non-profitable integrated aviation programme aims to introduce the world of aviation to those who wish to learn more about the pilot training, latest aviation 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 Licence (PPL), Commercial Pilot Licence (CPL) and Airline Transport Pilot Licence (ATPL) training syllabi, the programme aims to provide a wide range of aviation and pilot knowledge.

2. Eligibility

The programme is open to HKACC members, Hong Kong Polytechnic University students and the general public at a minimum age of 18. 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 to be 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 Most activities and lecture briefing, debriefing and report will be in English
- 1.8 Visit Training Projects – Different visit 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 (Weekdays and weekend activities)

Sample Companies / Government Departments involved in the Visit Training Projects

- 01 Cathay Pacific Airways
- 02 Cathay Dragon Airways
- 03 Government Flying Service
- 04 Sky Shuttle Helicopters Ltd
- 05 Heliservices (Hong Kong) 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
- 11 Hong Kong Airport Authority
- 12 Hong Kong International Aviation Academy

*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 visit projects may be joined by AAEP (Fixed-wing) candidates and past alumni

*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 visit project activities / specific lectures

***Business Attire Standard :**

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

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

Programme Structure

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

MODULE ONE (Mar 2019 – Aug 2019)

No.	Subjects for the Examinations	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 2019 – Dec 2019)

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, visit projects and outdoor training
Teaching language will be both Cantonese and 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

Candidates who have passed the 8 subjects will be awarded “Certificate of Achievement” issued by HKACC.
Candidates who have achieved 70% for 8 subjects will be awarded “**Certificate of Achievement with Distinction**”
Candidates who have obtained 70% attendance or above will be awarded “**Certificate of Attendance**”.
Cadets who have completed the programme could apply for parallel recognition of all aviation subjects required for the Senior Cadet and Staff Cadet classifications.
Best performed candidates in examination and attendance will be awarded “**Outstanding Candidate Award of the Year**”

8. Scholarships

A specific amount of scholarships to be distributed to the candidates with best performance.
Scholarship : 5-hour flight training course at Flight Training Adelaide (FTA) and return air ticket (300CBi and/or DA40)
Scholarship : Flight Simulator Training Session (Helicopter)
Scholarship : Flight Simulator Training Session (Fixed Wing)
Scholarship : MD902 Helicopter Flight Experience
Scholarship : Phoenix Award - R44 Helicopter Flight Experience

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.

9. Programme Fee

General Public / HKACC Associate Member	: \$4430
HKACC Senior member (21 of age or above as at the programme commencement date)	: \$3000
HKACC Cadet member (Below 21 of age as at the programme commencement date)	: \$1600
Hong Kong Polytechnics University Student	: \$3030

*Programme fee included one major textbook – Helicopter Aerodynamics

*The programme fee is used to cover the operating 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 applicants from **general public** and **PolyU students** to enroll as HKACC Associate Member (inclusive in the amount of \$4430 & \$3030 respectively)

*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

1 Please fill in the information at the below link

<https://goo.gl/gMcmvU>

2 Send a hard copy essay of 150-200 words for the below topic to HQ HKACC (Refer to Point 20)

The essay shall be marked with the applicant's name as appears on HKID Card name and attention to AAEPH 2019 Programme Director (Applicants are highly recommended to send out the essay 5 days before the deadline as applications will not be short-listed without the essay)

Topic of Essay : **Try to express in your own opinions how to establish the aviation culture for the Hong Kong teenagers by the HKSAR and aviation organizations respectively ?**

Deadline for Application : **4 Mar 2019 1700 hours**

11. Selection Procedures

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

- (1) Recommendation form (Attached with this outline) hard copy signed by OC Units/Squadron (For HKACC senior and cadet members only)
- (2) One passport size colour photo
- (3) A cheque payable to "HONG KONG AIR CADET CORPS" for programme fee (Can be collected back from HKACC Office between 30 Mar 2019 to 27 Apr 2019 for unsuccessful applicants)

Assessment Date : **8 or 11 Mar 2019 (Back up date 7 or 12 Mar 2019)**

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

Venue : Gotfried Room , HK Aviation Club (Subject to confirmation)

*Applicants are reminded to ensure the above 4 dates are available before submit application although only one evening is required to attend

*Candidates who have not received the notification email for the assessment invitation and assessment result email on or before **6 Mar 2019 and 13 Mar 2019** shall assume the application was unsuccessful

*The AAEPH Working Party reserves the right for the final decision of the application result

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 Flight Training

The AAEPH Working Party 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	RPL Exam	(25-50 hrs)*	Recreational Pilot Licence	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/administrations 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 CHAN Mang Lang
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

Working Party

Captain Alan CHONG	Flt Lt Hermes HO (Programme Director)
Captain Victor LAU	Project/Duty Officers
Captain Jim TANG	
Captain Richard CHEUNG	
Captain Joseph LEE	
Captain Chit LAU	
First Officer Hymn LAI	
First Officer Jordan CHAN	
Pilot Elaine CHAN	
Squadron Leader Cody WONG	
Squadron Leader Albert HONG	
Squadron Leader (sp) Johnny YEE	
Squadron Leader (sp) Dandy WONG	
Flight Lieutenant (sp) Ada LI	
Flight Lieutenant (sp) Leo CHAN	
Flight Lieutenant (sp) Anthony AU	
Flying Officer (sp) Sunny CHAN	
Flying Officer (sp) 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) 2019
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 (2019)

Module One

Date	Time	Subject
15 Mar 2019	1930-2130	Programme Introduction / briefing and administration
22 Mar 2019	1930-2200	An Introduction to the World of Helicopter Aviation
29 Mar 2019	1930-2200	Basic Principle of Flight (Fixed-wing) and UAV Operation
12 Apr 2019	1930-2200	Aerodynamics 1
26 Apr 2019	1930-2200	Aerodynamics 2
3 May 2019	1930-2200	Cadet Pilot Programme Training Session (PolyU TBC)
10 May 2019	1930-2200	Aerodynamics 3
17 May 2019	1930-2200	Aerodynamics 4
24 May 2019	1930-2200	Engine/Gas Turbine/Systems/Instrument 1
31 May 2019	1930-2200	Engine/Gas Turbine/Systems/Instrument 2
14 Jun 2019	1930-2200	Engine/Gas Turbine/Systems/Instrument 3
21 Jun 2019	1930-2200	Engine/Gas Turbine/Systems/Instrument 4
28 Jun 2019	1930-2200	Flight Rules and Air Law 1
5 Jul 2019	1930-2200	Flight Rules and Air Law 2
12 Jul 2019	1930-2200	Meteorology 1
19 Jul 2019	1930-2200	Meteorology 2
26 Jul 2019	1930-2200	Module One Examination (PolyU)

Module Two

6 Sept 2019	1930-2200	Air Traffic Management (PolyU TBC)
13 Sept 2019	1930-2200	Safety Management and Air Accident Investigation (PolyU TBC)
20 Sept 2019	1930-2200	Air Navigation and Flight Planning 1
27 Sept 2019	1930-2200	Air Navigation and Flight Planning 2
4 Oct 2019	1930-2200	Air Navigation and Flight Planning 3
11 Oct 2019	1930-2200	Air Navigation and Flight Planning 4
18 Oct 2019	1930-2200	Flight Performance
25 Oct 2019	1930-2200	Flight Weight and Balance
1 Nov 2019	1930-2200	Aircraft Type Technical Knowledge
8 Nov 2019	1930-2200	Interview technique and group exercise training
15 Nov 2019	1930-2200	Aviation Radio Telephony
22 Nov 2019	1930-2200	Break
29 Nov 2019	1930-2200	Aviation Physiology and Psychology Knowledge
6 Dec 2019	1930-2200	Aviation Physiology and Psychology Knowledge
13 Dec 2019	1930-2200	Break
20 Dec 2019	1930-2200	Module Two Examination (PolyU TBC)
Jan 2020	1930-2230	Scholarship Assessment and Interview
Jan 2020	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.

*Applicants must take a careful consideration before applying this programme regarding the availability to attend both examinations as there will be **NO** extra examination or make up examination arrangement
(Exam date: 26 Jul 2019 and 20 Dec 2019)

Advanced Aviation Education Programme (Helicopter) 2019
Integrated Aviation Programme
Recommendation Form
(For HKACC Senior Members and Cadet Members Only)

To : AAEPH 2019 Programme Director

I, (Rank) _____ (Unit) _____

(Name) _____ hereby certify (Rank) _____

(Name) _____ is an active member with good service

record in my unit and I highly recommend him/her to participate the 11-month AAEPH 2019

Integrated Aviation Programme upon passing of the selection assessment process.

Yours faithfully,

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