

Advanced Aviation Education Programme (Helicopter) 2020 **Integrated Aviation Programme**

Version 1.9

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, 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, UOW College Hong Kong/Community College of City 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 Trial flight experience with Airbus A320, F/A-18 Combat Fighter and Helicopter Flight Simulator
- 1.2 Intensive Training Group for Future Cadet Pilot (ITG Session)
(Training session to be conducted by Airlines/GFS Captains and pilots during weekday evening)
- 1.3 Cadet Pilot Programme Session
- 1.4 Communication skills, interview technique and group exercise training
- 1.5 Air Traffic Management Session
- 1.6 Aviation Safety and Air Accident Investigation Session
- 1.7 Training Day at Hong Kong Aviation Training Centre (HKATA) with A350 Flight Simulator
- 1.8 Training Day at CAE Flight Training Centre
- 1.9 Encourage to establish an "Aviation English Culture" that most of the activities/lecture briefing and debriefing will be conducted in English and is the official language for candidates in most of the activities
- 2.0 Visit Projects – visit to a numbers of aviation related organizations and companies
- 2.1 Leadership and Team Building Training Day Camp
- 2.2 Pilot Etiquette Training Session
- 2.3 Attitude Monitoring System to enhance good pilot attitude
- 2.4 Introduction to Airline Management by Former Airline Top Management Personnel

Sample Companies / Government Departments involved in the Visit Projects

- 01 Cathay Pacific Airways (CPA)
- 02 Air Accident Investigation Authority (AAIA)
- 03 Government Flying Service (GFS)
- 04 Sky Shuttle Helicopters Ltd
- 05 Heliservices (Hong Kong) Ltd
- 06 Hong Kong Aircraft Engineering Company Ltd (HAECO)
- 07 Hong Kong Aero Engine Service Company Ltd (HAESL)
- 08 Hong Kong Airlines (HKA)
- 09 CAE Hong Kong Flight Training Centre (CAE)
- 10 Hong Kong Air Services Company Ltd (HAS)
- 11 Hong Kong Airport Authority (HKAA)
- 12 Hong Kong International Aviation Academy (HKIAA)
- 13 Civil Aviation Department (CAD)
- 14 Hong Kong Observatory (HKO)
- 15 Business Aviation Centre (BAC)

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

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

*Visit projects will be joined by AAEP (Fixed-wing) candidates

*All visit projects and outdoor activities will be conducted during weekday, Saturday and Sunday day time only

- *ITG Session will be joined by other aviation programmes candidates
- *Leadership and Teambuilding training day camp expense will be partial afforded by participants
- *Etiquette Training lunch will be partial afforded by participants
- *Candidates are required to submit assignment and project/activity report within 3 weeks after each project
- *Candidates are required to dress in **business attire** for all visit project activities / specific lectures/seminar

***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 (Skirt is not allowed)

Programme Structure

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

MODULE ONE

No.	Subjects for the Examinations	No. of Session
1	Aerodynamics	4
2	Technical - Piston/Gas Turbine Engine, System and Instruments	4
3	Air Law	2
4	Aviation Meteorology	2
5	Module One Examination	1

MODULE TWO

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)

5. Method of Training

Classroom lectures, assignments, reports, group discussion, visit projects and outdoor training
 Teaching language will be Cantonese OR English

***Applicants are also required to understand 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 during the assessment
 Scholarship : Flight training course (Helicopter/Fixed-wing) at Australia Flight Training Adelaide (FTA) and return air ticket (Subject to confirmation)

Scholarship : Flight Simulator Training Course (Airbus A320)

Scholarship : Flight Simulator Training Course (Helicopter)

Scholarship : Flight Simulator Training Course (DA20 Full Motion)

Scholarship : MD902 Helicopter Flight Experience

9. Programme Fee

HKACC Associate Member / General Public : \$5530

HKACC Senior Member (21 of age or above as at the programme commencement date) : \$3500

HKACC Cadet Member (Below 21 of age as at the programme commencement date) : \$1600

UOW College Hong Kong/Community College of City University : \$3530

- *Programme fee included one major textbook – Helicopter Aerodynamics
- *The programme fee is used to cover the operating cost of programme, sim training, scholarship and graduation dinner, etc
- *All programme staff and instructors are **volunteers** without any remuneration
- *Programme fee will not be refundable after the applicants were accepted to join the programme
- *Enrolment fee of \$30 is applicable for applicants from **general public** and **UOWCHK/CCCU students** to enroll as HKACC Associate Member (Inclusive in the amount of \$5530 & \$3530 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

Please complete and send the below items to Headquarters of HKACC by the deadline date

- 1 AAEPH 2020 Application form
- 2 Recommendation signed by OC Units/Squadron (For HKACC senior and cadet members only)
(Application form without the signed recommendation will not be proceeded)
- 3 Two passport size BW or colour photo (Taken within 6 months)
- 4 An essay of 150-200 words of the below topic
(Marked with the applicant's name as shown in the HKID Card)

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

- 5 A cheque with correct amount payable to **“HONG KONG AIR CADET CORPS”**

- *Applicants are highly recommended to send out the application form, cheque and essay **5 days before the deadline**
- *Unsuccessful candidates will be notified to collect the cheque and photo

Deadline for Application : **30 Jun 2020 1800 hours**

11. Selection Procedures

Short-listed applicants will be invited to attend the selection assessment on either one evening below

Assessment Date : **17 Jul 2020 or 24 Jul 2020** (Subject to confirmation)
 Time : Between 1930-2230 (According to designated time slot to be notified)
 Venue : Gotfried Room , HK Aviation Club (Subject to confirmation)

- *Applicants who have not received the notification email for the assessment invitation on or before **16 Jul 2020** shall assume the application was unsuccessful
- *An confirmation email of acceptance will be sent to successful applicants on or before **28 Jul 2020**
- *The AAEPH 2020 reserves the right for the final decision of the application result

12. Code of Conduct

Candidates 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 candidates.

14. Programme Staff

Programme Advisors : **HONG KONG AIR CADET CORPS**
 Mr. Edwin LAU AE
 Air Commodore Michael CHAN MBS MBB GMSM AE
 Group Captain CHAN Mang Lang IDSM
 Wing Commander Ivan CHAN
 Sqn Ldr Franky TSE
 Specialist Squadron Leader Steve WONG
 Specialist Squadron Leader Marcus CHAN
 Ms Sharon Lau

Programme Consultants : Specialist Squadron Leader Johnny YEE
 Squadron Leader Cody WONG

Guest Instructors	Work Team
Captain Alan CHONG	Flt Lt Hermes HO
Captain Victor LAU	Project Officers
Captain Jim TANG	
Captain Erik YOUNG	
Captain Richard CHEUNG	
Captain Joseph LEE	
Captain Chit LAU	
Senior First Officer Sunny CHAN	
First Officer Hymn LAI	
First Officer Jordan CHAN	
Squadron Leader Albert HONG	
Squadron Leader Cody WONG	
Squadron Leader (sp) Johnny YEE	
Squadron Leader (sp) Dandy WONG	
Flight Lieutenant (sp) Ada LI	
Ms Sharon Lau	

15. Venue

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

16. Class Size

Maximum 25-40

17. Admission Enquiries

Application and enquiries can be addressed to:

AAEPH 2020 Integrated Aviation Programme
 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>

18. Programme Classroom Lecture Calendar (2020)

Module One (Plan A)

Date	Time	Subject
14/8/20	2000-2200	Adm Session
21/8/20	2000-2200	Helicopter Intro
28/8/20	2000-2200	Basic FW Aero
4/9/20	2000-2200	Basic UAV/UAS
11/9/20	2000-2200	Sim Briefing 1
18/9/20	2000-2200	Sim Briefing 2
25/9/20	2000-2200	CPP Session (TBC)
9/10/20	2000-2200	Aerodynamics 1
16/10/20	2000-2200	Aerodynamics 2
19/10/20	2000-2200	ITG Session
23/10/20	2000-2200	Aerodynamics 3
30/10/20	2000-2200	Aerodynamics 4
6/11/20	2000-2200	Technical 1
13/11/20	2000-2200	Technical 2
20/11/20	2000-2200	Technical 3
23/11/20	2000-2200	ITG Session
27/11/20	2000-2200	Technical 4
4/12/20	2000-2200	Air Law
11/12/20	2000-2200	Air Law
18/12/20	2000-2200	Meteorology 1
21/12/20	2000-2200	ITG Session
8/1/21	2000-2200	Meteorology 2
15/1/21	2000-2200	Exam

Module Two (Plan A)

18/1/21	2000-2200	ITG Session
22/1/21	2000-2200	Air Traffic Control Management
29/1/21	2000-2200	Air Safety and Accident Investigation
5/2/21	2000-2200	Navigation 1
22/2/21	2000-2200	ITG Session
26/2/21	2000-2200	Navigation 2
5/3/21	2000-2200	Navigation 3
12/3/21	2000-2200	Navigation 4
19/3/21	2000-2200	Performance
22/3/21	2000-2200	ITG Session
26/3/21	2000-2200	Loading
1/4/21	2000-2200	Aircraft Type
9/4/21	2000-2200	Radio Telephony
16/4/21	2000-2200	Aviation Physiology and Psychology 1
19/4/21	2000-2200	ITG Session
23/4/21	2000-2200	Aviation Physiology and Psychology 2
30/4/21	2000-2200	Group Exercise and Interview Skill 1
7/5/21	2000-2200	Group Exercise and Interview Skill 2
14/5/21	2000-2200	Break
21/5/21	2000-2200	Exam
4/6/21	2000-2200	Assessment
11/6/21	2000-2200	Assessment
25/6/21	1900-2200	Graduation Dinner

Module One (Plan B)

Date	Time	Subject
11/9/20	2000-2200	Adm Session
18/9/20	2000-2200	Helicopter Intro
25/9/20	2000-2200	Basic FW Aero
9/10/20	2000-2200	Basic UAV/UAS
16/10/20	2000-2200	Sim Briefing 1
23/10/20	2000-2200	Sim Briefing 2
30/10/20	2000-2200	CPP Session
6/11/20	2000-2200	Aerodynamics 1

13/11/20	2000-2200	Aerodynamics 2
20/11/20	2000-2200	Aerodynamics 3
23/11/20	2000-2200	ITG Session
27/11/20	2000-2200	Aerodynamics 4
4/12/20	2000-2200	Technical 1
11/12/20	2000-2200	Technical 2
18/12/20	2000-2200	Technical 3
8/1/21	2000-2200	Technical 4
15/1/21	2000-2200	Air Law 1
18/1/21	2000-2200	ITG Session
22/1/21	2000-2200	Air Law 2
29/1/21	2000-2200	Meteorology 1
5/2/21	2000-2200	Meteorology 2
26/2/21	2000-2200	Exam

Module Two (Plan B)

5/3/21	2000-2200	Air Traffic Control Management
12/3/21	2000-2200	Air Safety and Accident Investigation
15/3/21	2000-2200	ITG Session
19/3/21	2000-2200	Navigation 1
26/3/21	2000-2200	Navigation 2
9/4/21	2000-2200	Navigation 3
16/4/21	2000-2200	Navigation 4
23/4/21	2000-2200	Performance
26/4/21	2000-2200	ITG Session
30/4/21	2000-2200	Loading
7/5/21	2000-2200	Aircraft Type
14/5/21	2000-2200	Radio Telephony
21/5/21	2000-2200	Aviation Physiology and Psychology 1
24/5/21	2000-2200	ITG Session
28/5/21	2000-2200	Aviation Physiology and Psychology 2
4/6/21	2000-2200	Group Exercise and Interview Skill 1
11/6/21	2000-2200	Group Exercise and Interview Skill 2
18/6/21	2000-2200	Break
25/6/21	2000-2200	Exam
9/7/21	2000-2200	Assessment
16/7/21	2000-2200	Assessment
30/7/21	1900-2200	Graduation Dinner

Important Reminder

*In case Government “Restriction Order” still in force or HKACC activity suspension still in force in August, Programme Plan B will be executed with prior notice

*In case Plan B cannot be conducted. Plan C will be executed which will bring all lectures to be conducted online

*Owing to 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 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



