HKAR-183 Training Course

Organised by the Aircraft Division, HKIE & Hong Kong International Aviation Academy

Expert Working Group & Facilitators:

Ir Darryl CHAN Chun Hoi, Ir CHAN Kam Tak, Ir Donny CHAN Wai Keung, Ir Warren CHIM Wing Nin, Ir Dennis HUI King Wai, Ir LAM Chi Kin; Ir OR Siu Chun & Ir POON Chung

Date, Time & Venue:

29 – 31 August 2022; 8:45 am to 5:15 pm;

Hong Kong International Aviation Academy – V15, 9/F, Community Building, 13 Cheong Tat Road, Hong Kong International Airport

Registration & Enquiries:

The registration fee for the course is HK$5,000. Prior registration is required. The number of participants is limited to 26 and applications will be accepted on a first-come first-served basis with priority to members of the Aircraft Discipline / Division, HKIE.

For registration, please click HERE. The deadline for application is 15 August 2022 or when the registration is full. For payment, please either: 1) transfer to HSBC account number 801-220153-001 of the Aircraft Division and e-mail the transaction slip annotated with the applicant's name to HKIE.AC.2018@gmail.com; or 2) write a cheque payable to "The Hong Kong Institution of Engineers – Aircraft Division" and mail to Ir Warren CHIM Wing Nin at P.O. Box 126 Tung Chung Post Office; on or before 19 August 2022. Successful applicants will be notified on or before 23 August 2022 by e-mail.

For enquiries, please contact Ir Warren CHIM Wing Nin, Course Coordinator at 9105 6657 (WhatsApp) or e-mail: HKIE.AC.2018@gmail.com.

Course Objectives & Learning Outcomes:

The aim of the course is to provide an application-orientated knowledge of the HKAR-183 requirements for Certificate of Airworthiness issue. On completion of this course, delegates will be able to:

- Describe the legal basis which underpins HKAR-183 requirements in Certificate of Airworthiness issue;
- Interpret the HKAR-183 requirements as applied to the process of Certificate of Airworthiness issue with emphasis on professional integrity and technical know-how;
- Articulate the HKAR-183 process for Certificate of Airworthiness issue for different types and sizes of new / used aeroplanes and helicopters.

Course Outline:

- Airworthiness Overview
- HKAR-183 Concept and Legal Framework
- HKAR-183 Requirements, AMC and GM
- ODA Procedures Manual
- Data Verification: DCA 46D, DCA 141A, DCA 300, AMS, AFMSI, CAD Form 183-3, etc.
- Aircraft Delivery Activities
- Aircraft Reports for Certificate of Airworthiness Issue
- Aircraft Build Standard
- Modification and Repair Acceptance Under HKAR-21
- Basis of Certification
- CAD Design and Environmental Requirements
- Circumstances of Flight
- Flight Test for C of A
- Aircraft Manuals and Data
- Continued Airworthiness
- Aircraft Inspection
- Letter of Acceptance & Waiver Letter
- Bilingual Placard List
- Recommendation for C of A Issue
- HKAR-183 Case Study
- Panel Discussion

Recognition:

The course syllabus conforms to the required subjects and duration as stipulated in Issue 1 of CAD 232 Section 6 - Course Specifications for HKAR-183 Training Course published by the Civil Aviation Department of the Government of the HKSAR (CAD). Application for CAD recognition is in progress, the Recognised Training Course Number will be printed on the Certificate of Attendance.

A Certificate of Attendance will be jointed issued by the Aircraft Division, HKIE and Hong Kong International Aviation Academy to each participant with:

a. Active involvement in group exercises;
b. Individual written test result at minimum 70%;
c. Attendance of minimum 90%.

This course is included in the Professional Training and Examination Refund Scheme of the Maritime and Aviation Training Fund Pre-approved Courses/Examinations List with MATF Courses / Examinations Code AC141.

海運及空運人才培訓基金
專業培訓課程及考試費用發還計劃 已核准的課程／考試名單
Professional Training and Examination Refund Scheme
under the Maritime and Aviation Training Fund
Pre-approved Courses/Examinations List

本名單會不時進行檢討及更新。現時本名單於 **2022 年 7 月**更新。請參閱海運及空運人才培訓基金(基金)網頁上(http://www.matf.gov.hk) 的最新資料。
This list will be reviewed and updated from time to time and the latest version is **Rev 7/2022**. Please check the Maritime and Aviation Training Fund's (MATF's) website (http://www.matf.gov.hk) for latest information.

課程／考試編號 **MATF Courses/ Examinations Code**	舉辦課程／考試機構名稱 **Name of Course Provider/ Examination Authority**	課程／考試名稱 **Course/Examination Title**	首次納入本名單的時間 **[備註(1)]** **Year and Month of First Issue on the List [Note 1]**	學費／考試費用 **[備註(2)]** **Course/ Examination fee [Note 2]**
AE001	民航處 Civil Aviation Department	HKAR-66 Aircraft Maintenance Licence (AML) examinations Subject Modules: - Mathematics - Physics - Electrical Fundamentals - Electronic Fundamentals - Digital Techniques/Electronic Instrument Systems - Materials & Hardware - Maintenance Practices - Basic Aerodynamics - Human Factors - Aviation Legislation - Aeroplane Aerodynamics, Structures & Systems - Helicopter Aerodynamics, Structures & Systems - Aircraft Aerodynamics, Structures & Systems - Propulsion - Gas Turbine Engine - Piston Engine - Propeller - Wooden Aeroplanes	2015 年 4 月 April 2015	For each subject module, HKD 375 for every multiple choice question paper HKD 965 for every essay question paper
AE002	民航處 Civil Aviation Department	HKAR-66 Aircraft Maintenance Licence (AML) competence test	2015 年 4 月 April 2015	For each aircraft type rating, HKD 160 for every multiple choice question paper

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AC138	Sky No Limits	PIE (Practice ICAO English) Online Course	2018 年 10 月 October 2018	Ranging from HKD1,200 to HKD1,898, subject to the duration of course
AC139	領都航空顧問有限公司 Linken Capital Aviation Services Limited	The ICAO Safety Management System and its Practical Application Training Course	2018 年 10 月 October 2018	HKD 7,500
AC140	香港青年航空學會 The Hong Kong Youth Aviation Academy Limited	Aviation English Course	2018 年 10 月 October 2018	HKD 15,000 Group enrolment discount: Where a group of 4 – 7 or more than 8 enrol at the same time, 10% and 20% discount will be offered respectively.
AC141	香港工程師學會(航空分部) Hong Kong Institution of Engineers (Aircraft Division)	HKAR-183 Training Course	2018 年 10 月 October 2018	HKD 5,000
AC142	海空運輸培訓中心 Air Marine Transport Training Centre Ltd.	Regulated Air Cargo Screening Facility Training Course	2019 年 5 月 May 2019	HKD 1,000
AC143	IATA Training Institute [請留意備註(3)] [Please pay attention to Note 3]	Perishable Cargo Logistics Management	2019 年 5 月 May 2019	US$5,500 for a group of 4 students
AC144	機場保安有限公司（航空保安學院） Aviation Security Company Limited (Aviation Security Academy)	Regulated Air Cargo Screening Facility (RACSF) Training Programme	2019 年 5 月 May 2019	HKD 750