

## HKAR-183 Training Course

*Organised by the Aircraft Division, HKIE*



**Course Coordinator:** Ir Warren CHIM Wing Nin

**Facilitators:** Ir CHAN Kam Tak, Ir Warren CHIM Wing Nin & Ir LAM Chi Kin

**Date, Time & Venue:**

26 – 28 March 2024; 8:45 am to 5:15 pm;

HAECO Training Academy - 4/F, Hangar 2 West Annex Building, Hong Kong Aircraft Engineering Company Limited

**Registration & Enquiries:**

The registration fee for the course is HK\$7,000. Prior registration is required. The number of participants is limited to 30 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 22 March 2024 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](mailto: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 23 March 2024. Successful applicants will be notified on or before 25 March 2024 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](mailto: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
- Continuing 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 Course Specifications for HKAR-183 Training Course as stipulated in Section 6 of CAD 232 Issue 1. 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 issued by the Aircraft Division, HKIE to each participant with:

- satisfactory performance in group exercises;
- a minimum of 70% pass mark in individual written test;
- a minimum of 90% attendance of course duration.

Furthermore, 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 (see Attachment 1).