

**AIRCRAFT DIVISION SESSION 2021/2022  
ANNUAL REPORT**

It is a mixed feeling when writing this Aircraft Division Session 2021/2022 Annual Report as time flies and I am about to complete my second year as the Chairman of the Aircraft Division and it's my last session as well. First of all, I would like to take this opportunity to express my sincere gratitude to all the members within the Aircraft Division, especially to the Committee Members who render the heartedly supports and professional advices along the way. In addition, the support from various industry partners and aviation community are highly appreciated.

During my last report, when we all thought the 2021 will be recovering period for us. However, it was not the case. The entire world has been suffering and undergoing various degree of damage, lock down and unrest not only caused by the COVID-19 Coronavirus but with social and political unrest with the war that we never can imagine the such extent of implications and effects. There was time we were believing the tide was changing but were disappointed again and again. In Hong Kong, air traveling is still in a way being restricted and the aviation sector shows weak recovery, even though there is new airline joining the arena but as for aviation professionals, many are still striving in very difficult atmosphere.

However, what I look at the Aircraft Division, I see resilience, strength, confidence and hope, I am seeing members making changes coping with the resources restraints, learning new skills and self advancing and value adding, growing stronger and smarter. Despite all the odds, attracting young talents joining the aviation community, nourishing young engineers and providing a good advancing platform for them is of utmost important for the succession of our

industry. I encourage you all to share your skill, experience and your unfailing attitude to them when meeting these young talents at whatever occasions/opportunities. Bear in mind, a sharing session on HKIE professional assessment (delivered by Ir WC Cheung, Chairman of Aircraft Discipline) was successfully held on Oct 2021 with 30+ young engineers participated with very good interactive atmosphere.

Travel is no major difference with previous year and there was no oversea technical visit being held in 2021/2022 session. The Aircraft Division will be observing the situation and will seek suitable countries and organizations that making the technical visit(s) possible. We are maintaining our connections with overseas reputable training organizations or institutes and so when all conditions match, recognized professional training will be organized. Although physical training may not be possible and the Aircraft Division organized an online Aerospace Lead Auditor training in Feb 2022. This was a successful training and the Aircraft Division will use this as a template for future cases.

With the improving situation back in Hong Kong, we are now discussing with local airlines, MROs, government organizations for accommodating the Aircraft Division making visits as there are backlog of planned activities and visits that were unable to realize in the 2021. We are very particularly grateful with the long term partnership and supports from the Royal Aeronautical Society (Hong Kong Branch). Together, we have jointly organized CPD sessions.

The coming 2022/2023 is not in a way less challenging than 2021/2022 but as my belief is that we are engineers, we are natural problem solvers and we'll face all the odds and will rudder

through this stormy period without losing our optimism and faith. My warmest to you all.

Thank you very much !

Ir Donny CHAN Wai Keung  
Chairman, Aircraft Division

## **Aircraft Division 2021 - 2022 highlighted activities**

### **1. 15/10/2021 Evening Workshops on HKIE Professional Assessment**

Feedback has been received both within the Aircraft Division and other Disciplines that the new competency assessment making the application for HKIE membership more difficult and guidelines for HKIE application is heavy. Aircraft Discipline's Chairman Ir WC Cheung was invited to host experience sharing session and detailing the core competencies assessment flow and the common area that candidate might miss or unable to demonstrate during the assessment. At the same time, this sharing session provided a nice and comfortable environment where interactions were encouraged.



### **2. 09/12/2021 Small Unmanned Aircraft (SUA) Regulatory Regime Briefing in CAD Auditorium**

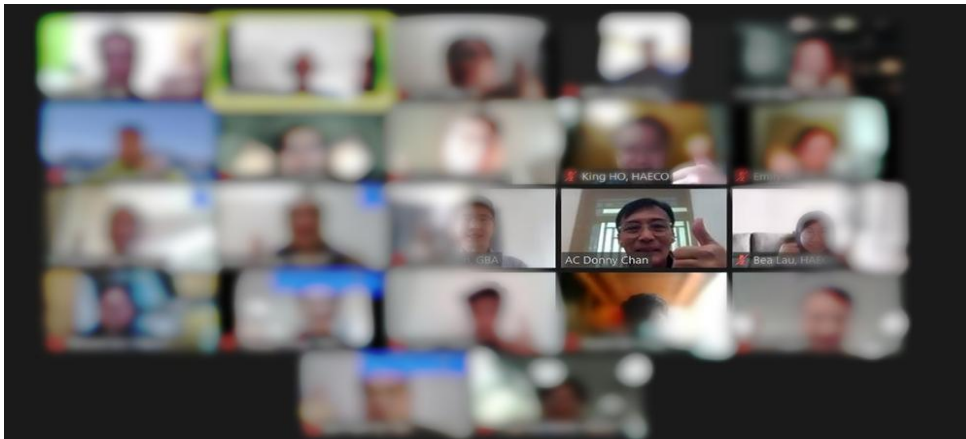
With the rapid development on the Small Unmanned Aircraft (SUA) and its widely used applications. A new regulatory regime for the use and operation of SUA has been developed by Civil Aviation Department (CAD) of Hong Kong. The HKIE Aircraft Division co-organized a seminar with CAD and Cathay Pacific Airways on 19 Dec 2021. At which, stake holders could

join together and sharing the upcoming regulatory requirements the framework classification as well as the application use from an air line perspectives.



### **3. 21-25/2/2022 Aerospace Lead Auditor Training Course with BSI Hong Kong**

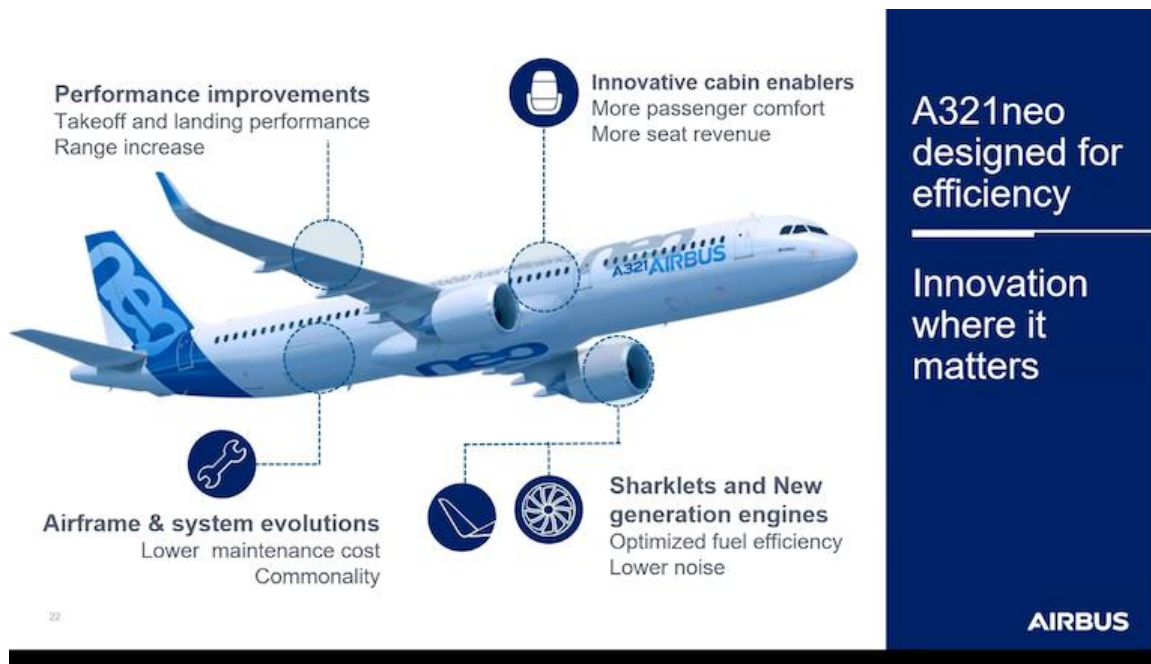
A 5 days online course has been conducted between 21 to 25 Feb 2022 with trainee from aircraft division members and industry partners. The successful completion of this 5 day training course with course assessment and examination would satisfy Probitas Authentication's requirements for the AS9100 Leas Auditor Training in its AS9100 Aerospace Auditor Certification Scheme. In addition, this training is within the sponsorship of the Maritime and Aviation Training Fund (MATF).



(Auditor training session snap shot)

#### 4. 12/5/2022 Evolution of A320 (Webinar by RAeS (HK))

This webinar is chaired by Airbus Olivier Richard and he talked about the development of this A320 narrow body family from different angles, the engine design, its changes, system evolutions, performance improvements in low speed and high speed. Olivier also introduced the cabin evolution for longer flight time mission.



(Photo credited to Airbus)