

# Certificate of Module: Operation Procedures of Commercial Flying in Hong Kong

With the success in PPL modules, we are proud to offer a new course to further our journey in aviation - Operation Procedures of Commercial Flying in Hong Kong, jointly with HKU SPACE.

The course is designed for aviation enthusiasts who have acquired basic aeronautical knowledge and are interested in exploring further in the world of commercial flying. For students who are aiming for piloting career, this course provides an excellent opportunity not only to broaden the spectrum but also the depth of your preparation.

This theory course will cover vital knowledge of commercial airliners and the operations flying in and out of the home base of Hong Kong. It includes modern aircraft systems, aircraft performance, professional piloting essentials, international navigation, instrument flying, flight operation, meteorology, and human performance.

## Learning outcomes

By the end of the course, you will be able to:

- Identify and summarise essential aircraft systems in complex commercial jet aircrafts.
- Understand various pilot qualifications and professional flight crew license requirements.
- Differentiate operation between multi-engine aircraft and single-engine aircraft.
- Demonstrate knowledge about instrument flying and satellite-based navigation.
- Identify specific international long haul routes and understand airline preferred routes.
- Understand and learn how to fly instrument approach procedures.
- Identify the challenges of flight operation under various adverse weather conditions.
- Appreciate the importance of CRM in multi-crew flying environment.
- Acquire the skill to comprehend navigation charts of any aerodrome.

## Home Base - Hong Kong

Hong Kong is one of the busiest international hubs in aviation, the Hong Kong International Airport (HKIA) connects to over 200 destinations worldwide by more than 100 airlines. Its dual runway system handles over 400000 traffic movements with 71.5 million passengers in 2019. In this course, HKIA is illustrated as example to provide a comprehensive exposure in flight operation and air traffic management, it includes ground operations, departure, arrival and approach procedures.

## Entry Requirements:

A. Completed the Certificate in Australian Private Pilot Licence Training (Cert PPL) within HKU system through HKU SPACE;

or

B. Hold a Private Pilot Licence from any country or equivalent.

Applicants with other qualifications will be considered on individual merit.

For more course details, please refer to <https://hkuspace.hku.hk>.

