



Professional Drone Pilot Training Program

ADVANCED RATING TRAINING SUA PILOT TRAINING COURSE



Course Instructor
Carrick YAU
Airline Pilot
Airline Safety Instructor



Course Instructor
Jason LAI
Airline Pilot
Engineer



**BECOME A PILOT
NOW**

WORLD CLASS AVIATION
TRAINING

**FLY
PROFESSIONALLY
SAFELY**

For enquiry, please contact:

For enrolment,
please scan
the QR code



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Company: Unit D 14/F,
Tak Lee Commercial Building,
113-117 Wan Chai Road,
Wan Chai, Hong Kong



Course Schedule

Schedule	Duration	Content	Venue
Day 1	8 hours	Ground Theory	HKADP TRAINING CENTRE
Day 2	6 hours 1 hours 1 hours	Ground Theory Q&A and revision Ground Theory Examination	
Day 3	8 hours	SUA Flight Training	
Day 4 (PM)	2 hours	General Flight Test (GFT)	HKADP FLIGHT TRAINING CENTRE

PART 1 – PRE-STUDY

Once you enrolled the course you will receive the training course material in English. This covers all the subjects of the course.

PART 2 – GROUND SCHOOL

You will spend one and a half days in class with our exceedingly aviation experienced instructor. The subjects examined amid the 2 days cover Hong Kong Air Law and Hong Kong Civil Aviation Department Regulations which related to small unmanned aircraft (SUA / Drone), as well as the course contents shows underneath.

Course Contents

Day 1

Section 1 Aircraft General Knowledge

- Units and Symbols
- Major systems and components
- Motors & propellers
- Operational limitations
- Maintenance of system
- Battery management

Section 2 Principle of Flight

- Aerofoils
- Lift & Weight
- Flight Controls
- Stability and Dynamic Stability

Section 3 Navigation

- Usage of maps and Aviation Charts
- Conversion of Time
- Track and Heading (ATTI mode)
- Principles of navigation and restrictions
- Global Positioning System (GPS)

Section 4 Meteorology

- Structure of Atmosphere
- Atmospheric Pressure
- Altimetry
- Clouds
- Meteorology Codes and Services
- Weather assessment





Section 5 Human Performance

- The Pilot and Health
- Communication and Attitude
- Eye and Vision (Perception & Illusions)
- Fatigue and Sleep
- Airmanship

Section 6 Air Law

- Airspace in Hong Kong
- Legislation and publications
- Local and overseas legislations, regulatory authorities
- Civil Aviation Ordinance
- HKCAD's UAS safety guidelines and requirement
- Operation Manual

Day 2

Section 7 Operations

- Visual Line of Sight (VLOS)
- Mass and Balance
- Documentation and Pilot Log
- Aviation Communication
- Normal Procedures and checklist

Section 8 Safety and Emergency Procedures

- Types of Emergencies
- Hazard and Situational awareness
- Crew Resources Management (CRM)
- Case Study (UAS Incident and Accident Sharing)

Section 9 Flight Planning

- Pre-planning
- Risk assessment and mitigations
- required document for CAD permit
- Flight Planning Exercise

Ground Theory Examination 40 questions (Multiple choice)

You'll require to have good understanding in all these subjects. After two days of the theory class with our professional airlines' pilots and instructors, you will attend a Theory Examination. There are 40 questions, which are Multiple choice. Passing mark is 80%.

PART 3 – GENERAL FLIGHT TEST

After completing the ground school and flight training, a flight test will be arranged for each applicant. During the test, you are required to commence several maneuvers to ensure your flying skills have reach a certain standard.

HKADP TRAINING CENTRE

8/F CHEUNG LUNG INDUSTRIAL
BUILDING 10 CHEUNG YEE STREET
CHEUNG SHA WAN (CHEUNG SHA WAN MTR STATION **D2** EXIT)



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