

REMOTE PILOT CERTIFICATE OF COMPETENCY BASIC (RCOC-B)

- 5 Days / 40 Hours
- Onsite Training
- HRD CORP Claimable
- RM6,000 / Pax (excluding 8% SST)



CONTACT US

 +60 18 311 8121
 drone@airasia.com



drone.airasia.com

WHY JOIN US

With a strong aviation background and decades of expertise, we are committed to providing quality training grounded in a strong foundation of remote pilot training modules.

WHO SHOULD ATTEND

We welcome participants who would like to learn and practise UAS operations within visual line of sight that are according to Malaysian aviation regulations.



#1 Remote Pilot Training Organisation in Malaysia to be recognized by the Civil Aviation Authority of Malaysia (CAAM). (ATO.RPTO. 01/22)

COURSE UNITS

- Introduction
- Air Law & Responsibilities
- UAS Airspace Operating Principles & Rules of Air
- Airmanship & Aviation Safety
- Operations Manual
- Human Performance Limitations
- Meteorology
- Operational Procedures
- Navigation
- UAS general Knowledge

Course Name

Remote Pilot Certificate of Competency - Basic (RCoC - B)

Duration

5 Days / 40 Hours

Course Overview

The Remote Pilot Certificate of Competency-BASIC (RCoC-B) allows you to fly the Unmanned Aircraft System (UAS) or more commonly known as Drone Operations in accordance with the CAAM Civil Aviation Regulation 2016 (MCAR) Regulation 140-144. As such, remote pilots holding a RCoC-B are able to conduct Visual Line of Sight (VLOS) operations within the Specific Category and perform Predefined Risk Assessment (PDRA)

The AirAsia Drone Academy RCoC-B course provides a mixture of theory and hands-on, practical assessment. This ensures that remote pilots have the right skills and knowledge to operate their drone safely and responsibly.

What to Expect

To gain their RCoC-B, delegates must first attend a training course delivered by a Remote Pilot Training Organization (RPTO), such as AirAsia Drone Academy. A RPTO is a center approved by the CAAM to deliver drone training courses and certification.

During this course, delegates will learn the essential skills and knowledge needed to operate a drone within the Specific Category. As such, the RCoC-B course introduces delegates to factors such as air law and basic principles of flight, plus flight planning and preparation.

Those attending RCoC- B training will be exposed to aviation subjects as below:

1. Introduction
2. Air Law and Responsibilities
3. Airmanship and Aviation safety

4. UAS Airspace Operating Principles
5. Human Performance Limitations
6. Meteorology
7. Navigation
8. UAS General Knowledge
9. Operations Manual
10. Operating Procedures

Recommended Path

N/A

Who should attend

- UAS Operator who's involved in UAS operation within *Specific Category*.
- New/experienced drone users who are interested to learn about the right knowledge of drone handling and operations in Malaysia.

Prerequisites

Min 18 years old

Certificate

RCoC-B issued by CAAM

Course Outline

Day 1

RCoC-B Course Plan				
Day	Location	Time	Subject	
Day 1	Classroom	0900-0945	Course Overview & Introduction to UAS Technology	
		0945-1145	Air Law/Responsibilities - Common Terminology - ICAO - Regulators - Occurrence Reporting - Insurance	
		1145-1300	Introduction to Drone & Simulator	
	Lunch (1300-1400)			
	Classroom	1400-1530	UAS General Knowledge - Introduction to UA - Types of UAS - UA Basic Electronic Components & Functions - Principles of Flight - UAS Limitations - Maintenance of System - Technical Mitigations	
	Classroom	1530-1700	UAS Airspace Operating Principles/Rules of Air - Common Terminology - Flight Information Region (FIR) - Aeronautical Information Services - Navigation Warning	
	Classroom	1700-1730	Summary of Day 1 Quiz for regulatory modules	

Day 2

RCoC-B Course Plan				
Day	Location	Time	Subject	
Day 2	Outdoor Field	0930-1100	Sortie 1: Introduction to Practical Drone Flying and Regulatory compliance	
	Outdoor Field	1100-1230	Sortie 2: Introduction to UAS Safety Features/Contingency procedures	
	Lunch (1230-1330)			
	Classroom	1330-1430	Airmanship and Aviation Safety - Introduction to Airmanship - Aeronautical Decision Making - Aviation Safety	
		1430-1530	Meteorology (Regulatory) - Atmosphere - Clouds - Types of Information Supplied by Aeronautical Meteorological Stations - METAR vs TAF - Weather conditions affecting UAS Operations - Other sources of Meteorological Reports - Summary	
		1530-1600	Navigation - Compass and Directions - Navigation Aids: Global Navigation Satellite Systems - World Time - Other UA Navigation Systems	
	Outdoor Field	1600-1645	Sortie 3: Drone Mastery	
Classroom	1645-1700	Summary of Day 2 Quiz for regulatory modules		

Day 3

RCoC-B Course Plan			
Day	Location	Time	Subject
Day 3	Classroom	0930-1100	Human Performance Limitations - Introduction to Human Performance Limitation - Common Performance Limitation - Human Vision and Limitation - Human Auditory and Limitation - Receptors Limitation during UA Operations
	SIM	1100-1230	Sortie 4: Flying in an Figure 8
	Lunch (1230-1400)		
	Classroom	1400-1500	Operations Manual - What is Operations Manual - Applicability of Operations Manual - Minimum and Recommended item in Operations Manual
		1500-1630	Sortie 5: UAS Flight Modes
	1630-1700	Quiz for regulatory modules	

Day 4

RCoC-B Course Plan			
Day	Location	Time	Subject
Day 4	Outdoor Field	0930-1100	Pre-Flight Actions
		1100-1300	Practical Flying
	Lunch (1300-1400)		
	Classroom	1400-1500	In-Flight Procedures
		1500-1530	Post Flight Actions
Outdoor Field	1530-1700	Practical Flying	

Day 5

RCoC-B Course Plan			
Day	Location	Time	Subject
Day 5	Classroom	0930-1130	Theoretical Exam
	Lunch / Prayers (1200-1430)		
	Outdoor Field	1430-1800	Practical exam