



UNIVERSITI TUN HUSSEIN ONN MALAYSIA

**FINAL EXAMINATION
SEMESTER II
SESSION 2023/2024**

- COURSE NAME : AVIATION LEGISLATION
- COURSE CODE : BDS 30403
- PROGRAMME CODE : BDM
- EXAMINATION DATE : JULY 2024
- DURATION : 3 HOURS
- INSTRUCTIONS :
1. ANSWER **FOUR (4)** QUESTIONS FROM FIVE (5) QUESTIONS ONLY
 2. THIS FINAL EXAMINATION IS CONDUCTED VIA
 - Open book
 - Closed book
 3. STUDENTS ARE **PROHIBITED** TO CONSULT THEIR OWN MATERIAL OR ANY EXTERNAL RESOURCES DURING THE EXAMINATION CONDUCTED VIA CLOSED BOOK

THIS QUESTION PAPER CONSISTS OF **FOUR (4)** PAGES

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Q1 Answer the following questions:

- (a) Explain the structure of the International Civil Aviation Organisation (ICAO).
(6 marks)
- (b) What are SARPs in the context of the International Civil Aviation Organization (ICAO), and how do they differ from recommended practices?.
(6 marks)
- (c) Explain concisely the Malaysian Aviation Regulation Framework with regard to **Figure Q1.1**.

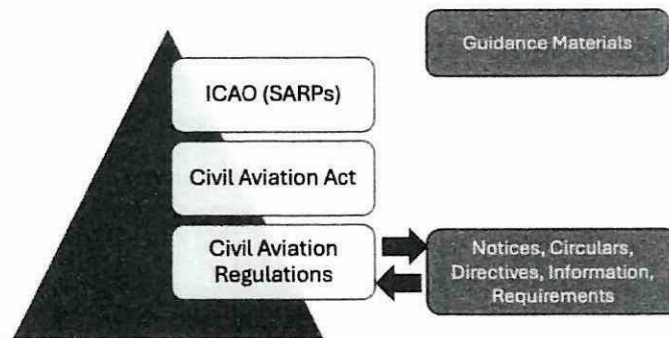


Figure Q1.1 : Malaysian Aviation Regulation Framework

(13 marks)

Q2 Answer the following questions:

- (a) What is the definition of airworthiness?
(3 marks)
- (b) List three significant benefits of aircraft airworthiness.
(6 marks)
- (c) Explain the purpose of Article 31 and Article 33 in the Chicago Convention established by the International Civil Aviation Organization (ICAO).
(6 marks)
- (d) Understanding the categories of aircraft airworthiness is crucial for various stakeholders in the aviation industry. Describe concisely the category of aircraft airworthiness.

(10 marks)

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Q3 Answer the following questions:

- (a) Describe 3 functions of Production, Planning, and Control (PP&C) department in typical aircraft maintenance organizations. (6 marks)
- (b) A new airline that targeting flights around asian regions will be formed. As head of Maintenance and Engineering (M&E) organization of the airline, plan the functions that should be inside the organization for effective and smooth operations. (15 marks)
- (c) List four responsibilities of Civil Aviation Authority of Malaysia (CAAM). (4 marks)

Q4 Answer the following questions:

- (a) Explain the difference between CAAM part 145 and part 147. (4 marks)
- (b) Imagine you are conducting a site inspection of an existing maintenance facility to assess its suitability for approval as a CAAM Aircraft Maintenance Organization (AMO). Identify the key elements the facility that you would evaluate against CAAM's facility requirements. (8 marks)
- (c) As the accountable manager of AMO, one of your new certifying staff having Aircraft Maintenance License (AML) with category B2 demands Certification Authorization for Boeing 737-600. Demonstrates the conditions for which the certification of authorization can be issued according to organization perspective. (10 marks)
- (d) Describe the limitations of the AMO. (3 marks)

Q5 Answer the following questions:

- (a) Explain the key provisions outlined in Regulation 3(1) of the Malaysia Civil Aviation Act 1969. (2 marks)

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- (b) Determine the fines and potential imprisonment for both individuals and corporate entities as stipulated in Section 240 of the Malaysia Civil Aviation Act 1969.
(6 marks)
- (c) Describes the concept of airworthiness and identify who is responsible for monitoring them.
(5 marks)
- (d) Suppose you are responsible for overseeing the airworthiness management system for a fleet of aircraft operated by airlines and Approved Flight Training Organizations (AFTO) in Malaysia. Demonstrates the responsibilities of both parties in ensuring their fleet can continue to operate in Malaysia.
(12 marks)

- END OF QUESTIONS -

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