



UTHM
Universiti Tun Hussein Onn Malaysia

UNIVERSITI TUN HUSSEIN ONN MALAYSIA

**FINAL EXAMINATION
SEMESTER II
SESSION 2021/2022**

COURSE NAME : AIR LAW
COURSE CODE : BDT 30202
PROGRAMME CODE : BDC
EXAMINATION DATE : JULY 2022
DURATION : 2 HOURS
INSTRUCTION : 1. ANSWER **FOUR (4)** QUESTIONS **ONLY**
2. THIS FINAL EXAMINATION IS A **PHYSICAL ASSESSMENT AND CONDUCTED VIA CLOSE 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**
- (a) Describe the importance of the Chicago Convention to the history of aviation law. Explain what are ICAO Annexes and describe the benefits of the documents to the ICAO members.
(5 marks)
 - (b) Explain five out of eight Chicago Convention Articles as listed below:
Article 1: Sovereignty
Article 5: Right of non-scheduled flight
Article 9: Prohibited area
Article 10: Applicability of air regulations
Article 12: Rules of the air
Article 14: Prevention of spread of disease
Article 16: Search of aircraft
Article 18: Dual registration
(10 marks)
 - (c) The airworthiness requirement is outlined in the ICAO Annex 18 and Document 9760. Explain the differences between the writing on the annex and the document.
(2 marks)
 - (d) According to Regulation 26, Malaysian Civil Aviation Regulation (MCA), no aircraft shall fly unless there is a Certificate of Airworthiness. List 3 types of flying machine that is not applicable to this regulation.
(3 marks)
- Q2**
- (a) Describe the minimum age, validity, and privileges to obtain:
 - (i) Student Pilot Licence
 - (ii) Commercial Pilot Licence(6 marks)
 - (b) Explain the following type of rating included in the pilot licence:
 - (i) Instrument rating
 - (ii) Night rating(4 marks)
 - (c) Refer to Malaysian Civil Aviation Regulation (MCA), what is the minimum height for:
 - (i) Aircraft flying over a congested area of a city, town or settlement.
 - (ii) Aircraft flying over any assembly in the open air of more than 1,000 persons(4 marks)
 - (d) Explain the general flying rule for the cases as listed below:
 - (i) Case 1: Two aircrafts approaching head-on
 - (ii) Case 2: Two aircrafts are converging at approximately the same level
 - (iii) Case 3: Two or more aircrafts are approaching an aerodrome for landing(6 marks)

- Q3**
- (a) List the type of air traffic services typically provided to aircraft flying in Class C and E in using VRF or IFR.
(4 marks)
 - (b) Within a controlled airspace, the air traffic service unit will make sure that all controlled flights are separated from each other vertically and horizontally (longitudinal or lateral). Using a graphical illustration, explain the differences between vertical, longitudinal and lateral separation.
(6 marks)
 - (c) Approach Control provides ATC services to arriving and departing aerodromes traffic. During take-off, the separation is measured by time. Provide the condition that allows the take-off separation to be:
 - (i) 1 minute
 - (ii) 2 minutes
 - (ii) 5 minutes(6 marks)
 - (d) Explain the procedures of a normal holding pattern.
(4 marks)
- Q4**
- (a) Explain the definition of the following terms:
 - (i) Aerodrome
 - (ii) Apron
 - (iii) Instrument Runway(6 marks)
 - (b) Describe the permission required for the use of military aerodrome, an unlicensed aerodrome and civil aerodrome with an ordinary licence under normal operating conditions.
(4 marks)
 - (c) Explain the following marks in the signal area of an aerodrome:
 - (i) A dumb-bell
 - (ii) A red square with a single yellow diagonal stripe
 - (iii) A red square with a diagonal yellow cross stripe(6 marks)
 - (d) List two (2) conditions according to Regulation 52 of MCAR that are not permissible to be done by every Malaysian commercial transport aircraft during descent to an aerodrome.
(4 marks)

- Q5**
- (a) Explain the following terms:
 - (i) INCERFA
 - (ii) ALERFA
 - (iii) DETRESFA

(6 marks)

 - (b) In an emergency phase, it is a good idea to select the appropriate transponder special purpose code. Explain the meaning of the following code:
 - (i) Code 7700
 - (ii) Code 7600

(4 marks)

 - (c) Describe two (2) procedures that the pilot-in-command of an aircraft should follow when intercepts a distress signal.

(4 marks)

 - (d) In the event of an aeroplane makes a force landing, list three (3) methods of attracting attention that the survivors should do if the radio is malfunction.

(6 marks)
- Q6** ICAO standards and recommended practices for the investigation of aircraft incident and accident investigation are contained in Annex 13.
- (a) Explain the purpose of accident investigation as describe in Annex 13 or MCAR 1996.

(4 marks)

 - (b) Explain the responsibility of the State of Occurrence when the accident occurred.

(4 marks)

 - (c) List two (2) conditions where the aircraft involved in an accident can be removed or interfered with according to Regulation 125 of MCAR

(4 marks)

 - (d) List four (4) types of information that need to be noticed to the Chief Inspector when an accident occurs in Malaysia or to a Malaysian aircraft elsewhere.

(8 marks)

- END OF QUESTION -

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