



CIVIL AVIATION GUIDANCE MATERIAL – 1202



ATC RATING EXAMINATION

CIVIL AVIATION AUTHORITY OF MALAYSIA

ISSUE 01

REVISION 00 – 15TH NOVEMBER 2022

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Lateral separation between aircraft using the same navigational aid is deemed to exist when a certain condition is met.

With the aid of a diagram, explain briefly the condition for the following scenario:

- a. when both aircraft are tracking outbound from the aid.
- b. when both aircraft are tracking to the aid.
- c) Indicate to the examinee what degree of precision you expect (for example, the number of decimal places) and whether you expect units to be included in the response.

Examples:

Undesirable

AXM1234 type of aircraft A320 from WMKK to WMKA descending to FL200 with speed 360kts. At 70DME VAS, the pilot reported the aircraft is experiencing loss of power to the extent that the aircraft was unable to maintain level flight and descending at the rate of 1600 feet per minute.

Calculate:

- i. the flight time remaining; and
- ii. the maximum distance the flight to reach an aerodrome.

Desirable

AXM1234 type of aircraft A320 from WMKK to WMKA descending to FL200 with speed 360kts. At 70DME VAS, the pilot reported the aircraft is experiencing loss of power to the extent that the aircraft was unable to maintain level flight and descending at the rate of 1600 feet per minute.

Calculate:

- i. the flight time remaining; and
- ii. maximum distance (to the nearest NM) of the flight to reach an aerodrome.

- d) Establish guidelines for what answers will receive full or partial marks. Where appropriate, indicate the weight for each part of the question within the question itself.

Examples:

Undesirable

- a. Define Visual Approach.
- b. An IFR flight may be cleared to execute a visual approach provided that the pilot can maintain visual reference to the terrain and any one of 2 conditions is met.

List **all 2** conditions.

(6 marks)

Desirable

- a. Define Visual Approach. (2 marks)
- b. An IFR flight may be cleared to execute a visual approach provided that the pilot can maintain visual reference to the terrain and any one of 2 conditions is met.

List **all 2** conditions.

(4 marks)

[Total marks = 6]



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