



SUPPLEMENTARY EXAMINATIONS 2

SUBJECT: OPERATION CONTROL PROCEDURES

DURATION: 2 HOURS

Instructions;

1. Answer all questions

2. Time allowed; 2hrs

PART A

1. The authorization for the transport of hazardous materials is specified on the?

a.insurance certificate

b.air operator certificate

c.registration certificate

d.certificate of airworthiness

2. Which one of the following magnitudes will be the first to change its value when penetrating a wind shear?

a.pitch angle

b.vertical speed

d. indicated airspeed

d.ground speed

3. A pilot notices after takeoff a flock of birds that may present a bird strike hazard, he should:

- a. immediately inform the appropriate ground station
- b. inform the other aircraft by radio
- c. inform the appropriate ground station within a reasonable period of time
- d. draft a bird strike hazard report upon arrival and at most within 48 hours

4. The master minimum equipment (MMEL) list is established by:

- a. aircraft manufacturer
- b. aircraft operator
- c. respective civil aviation authority
- d. ICAO secretariat

5. Flight crew members on the flight deck shall keep their safety belt fastened:

- a. from takeoff to landing
- b. while at their station
- c. only during takeoff and landing
- d. only during takeoff and landing and whenever necessary by the commander in the interests of safety.

6. For the purpose of ICAO wake turbulence separation, what is the minimum radar separation time when a light aircraft is following a heavy aircraft?

- a. 1 minute
- b. 2 minutes
- c. 5 minutes
- d. 3 minutes

7. An aircraft suffers an explosive decompression at an altitude of 31000 ft. What is the initial action by the operating crew?

- a.transmit mayday message
- b.place the seat belts sign on
- c.to put on the oxygen masks
- d.disconnect the autopilot

8. The M.E.L (minimum equipment list) is drawn up by?

- a.the aircraft state of registry
- b.the operator
- c.the manufacturer
- d.the manufacturers list

9. The standard and recommended practices are based on?

- a.federal aviation requirements(FAR)
- b. JAA guidelines
- c.ICAO annex 6
- d.the air transport rules

10. A braking action of 0.25 and below reported on a SNOWTAM is?

- a.unreliable
- b.good
- c.medium
- d.poor

11. An aircraft weighs 121 tonnes. What is its wake turbulence category?

- a. medium to light
- b. medium
- c. light
- d. heavy

12. A category one precision approach (CAT1) has:

- a. a decision height equal to at least 50ft
- b. a decision equal to at least 100ft
- c. no decision height
- d. a decision height equal to at least 200ft

13. The minimum equipment list of a public transport airplane is to be found in the?

- a. flight record
- b. operations manual
- c. JAR ops
- d. flight manual

14. In case of a hijack squawk code:

- a. 7600
- b. 7700
- c. 2000
- d. 7500

15. An operator must ensure that for the duration of each flight, be kept on the ground, when required:

- a. a copy of calculated take off performances
- b. the calculation of airborne fuel quantity
- c. the aircraft logbook
- d. a copy of weight and balance sheet

16. For the aircraft certified before the 1 April 1998, cockpit voice recorder must keep the conversations and sound alarms recorded during the last:

- a. 30 minutes of operation
- b. 25 hours of operation
- c. flight
- d. 48 hours of operation

17. Aircraft are categorized according to their threshold speeds, multiplied by a factor. What aircraft category corresponds to a range of speeds 145kts-165kts?

- a. B
- b. E
- c. D
- d. C

**18. The aircraft stalling speed in landing configuration is multiplied by-----
----- factor to obtain aero plane category:**

- a. 1.25
- b. 1.5
- c. 1.3

d.1.15

19. After an incident an FDR recordings may be kept for:

a.30days

b.60 days

c.120 days

d.90 days

20. From the flight deck you observe an aero plane in the forward left position, on an opposite parallel track. What NAV Alight will be observed?

a.red

b.green

c.white

d.all of the above

PART B

1. What are the responsibilities of the commander of an aircraft? (5mks)

2. Who may be admitted in the flight deck? (3mks)

3. During selection of a TAKE OFF alternate aerodrome, what should be considered? (3mks)

4. List main parts of an operations manual. (4mks)

5. Discuss (6mks)

(a)Take off alternate aerodrome

(b)Enroute alternate aerodrome

©Destination alternate aerodrome

6. Highlight objectives of operation control. (4mks)

7. Indicate the number of handheld extinguishers to be carried on board a flight with ;(8mks)

Maximum approved passenger seating configuration	No. of extinguishers
7-30	
31-60	
61-200	
201-300	
301-400	
401-500	
501-600	
601 or more	

8. After the commencement of a flight, what information and documents should be retained on the ground (6mks)?

9. Name the ICAO annex responsible for standards and recommended practices. (2mks)

10. Who is responsible for licensing aerodromes? (2mks)

11. List five occasions when a crew member may not report for duty. (5mks)

12. The responsibility to validate an operations manual lies with? (2mks)