

Module 10

1. For an aircraft to be ETOPS approved, it must.
 - 1) exceed an MTOW of 5700 kg and carry more than 9 passengers
 - 2) carry more than 19 passengers but can be of any weight category
 - 3) **exceed an MTOW of 5700 kg but does not need to be public transport**
2. What modifications are recorded in the aircraft log book?.
 - 1) **Aircraft only.**
 - 2) Engine, propeller and aircraft
 - 3) Engine and propeller
3. To what does Airworthiness Notice 60 refer?
 - 1) Toilet flush motors
 - 2) **Cabin and toilet fire protection.**
 - 3) Bogus parts.
4. Scheduled maintenance inspection time or hour limits
 - 1) **can be extended by a LAME with respect to the extension limits of the maintenance schedule**
 - 2) can never be exceeded.
 - 3) can be exceeded in extraordinary circumstances
5. Aircraft over 5700 kg must be weighed
 - 1) **within 2 years of manufacture**
 - 2) at every major check.
 - 3) annually
6. How many times must the nationality and registration marks appear on an aircraft?.
 - 1) **4 times.**
 - 2) 3 times
 - 3) 5 times
7. Certification responsibilities of Licensed Engineers and Approved Inspectors can be found in.
 - 1) CAIPs pt 111
 - 2) CAR-66.
 - 3) **Airworthiness Notices 3 and 10.**
8. On a light aircraft with a 3 year C of A, a Star Inspection must be carried out.
 - 1) at each annual inspection
 - 2) **at the third annual inspection**
 - 3) at every 150 flying hours
9. An aircraft operators MEL
 - 1) **can be more restrictive than the aircrafts MMEL**
 - 2) can be less restrictive than the aircrafts MMEL
 - 3) must be the same as the aircrafts MMEL
10. Condition monitoring
 - 1) **permits in-life until failure occurs**
 - 2) is a time lified method of maintenance
 - 3) is a preventative maintenance process
11. Duplicate inspections are required to be made following the disturbance of.
 - 1) all engine and propeller controls and any vital points.
 - 2) all engine & propeller components and any vital points.
 - 3) **aircraft, engine & propeller controls and any vital points.**
12. The Certificate of Fitness for Flight is issued in
 - 1) 1 copy: for the Aircraft
 - 2) **2 copies: for Aircraft and File**
 - 3) 3 copies: for Tech Log, File and Aircraft
13. An incident is classified as an accident if the aircraft suffers serious structural damage or someone is injured between the times.
 - 1) when the aircraft takes off and the aircraft lands.
 - 2) when the second person boards the aircraft with the intention of flying and the last person leaves the aircraft after flight.
 - 3) **when the first passengers boards the aircraft and the last passenger leaves the aircraft.**
14. The number of electrical fuses of a particular rating required to be carried in an aircraft is.
 - 1) 5 amp or less 3, off 5 amp or more 10 off.
 - 2) 3% of each rating or 10, whichever is the greater.
 - 3) **10% of each rating or 3, whichever is the greater.**
15. A Certificate of Maintenance Review must be retained for
 - 1) two years after expiry of period of validity.

- 2) **two years after date of issue.**
 3) Six months after the date of issue
16. The purpose of the CRS is.
- 1) to comply with article 15 of the ANO which states that an aircraft must not fly unless it is properly equipped for the intended flight.
 - 2) **to turn a log book or job card entry into a legal document and to ensure that the signatory takes full responsibility for the work done**
 - 3) to ensure that the log book entry is complete.
17. Vital points are.
- 1) **parts of the aircraft where a single malfunction could cause catastrophic failure.**
 - 2) a check on every maintenance schedule input.
 - 3) when an engine/fuel system is disturbed
18. A staff member of a CAR-M organisation authorised to issue or recommend issue of an airworthiness review certificate
- 1) **need not be CAR 66 qualified**
 - 2) must be both CAR-66 qualified and have an aeronautical degree.
 - 3) must be CAR-66 qualified
19. All outstanding deferred defect rectifications are recorded in.
- 1) the flight manual.
 - 2) **the operator's technical log.**
 - 3) the appropriate Log Book.
20. What is the retention time for a Technical Log?
- 1) 2 years after the last entry.
 - 2) 2 years.
 - 3) **3 years after the last entry.**
21. A register of airlines operating on an AOC is maintained by the.
- 1) ICAO
 - 2) **DGCA**
 - 3) EASA
22. A radio installation is.
- 1) a C of R requirement
 - 2) **an operational requirement.**
 - 3) a C of A requirement
23. An aircraft with a transport category C of A cannot be flown for hire and reward except.
- 1) **under the terms of an air operators certificate.**
 - 2) under the terms of an aerial work certificate.
 - 3) under the terms of an aircraft dealers certificate.
24. What Certificate must an Operator have who flies for public transport and cargo carrying?
- 1) Air Navigation Certificate.
 - 2) Air Transport Licence.
 - 3) **Air Operators Certificate**
25. What could invalidate a Noise Certificate
- 1) **A modification.**
 - 2) An unauthorised or unapproved repair is carried out.
 - 3) Once issued, nothing can invalidate it.
26. For CAR 147 organization Internal audit programme for succeeding 12 months period should provide
- 1) **At the time of making application for renewal of approval and audit should be submitted to DGCA within 15 days of their completion.**
 - 2) At the time of making application for renewal of approval and audit should be submitted to DGCA within 25 days of their completion
 - 3) At the time of making application for renewal of approval and audit should be submitted to RAO within 15 days of their completion
27. The operator of aircraft used for commercial air transport.
- 1) **Need not to be approved to 145 organisation providing they are contracted to 145 organisation**
 - 2) Must be approved to car m only
 - 3) Must be approved to car 145
28. Which of the following document forms a part of technical log?
- 1) **Maintenance statement**
 - 2) Air operators certificate
 - 3) Type certificate data sheet
29. Maintenance on electromechanical and pitot static components may also be released by
- 1) **B1 LICENCE HOLDER**
 - 2) B2 LICENCE HOLDER
 - 3) B1 OR B2 LICENCE HOLDER
30. For fuel tank safety training the interval between continuing training shall be established by the organization employing such personnel
- 1) **But should not exceed 2 years**
 - 2) But should not exceed 3 years
 - 3) But should not exceed 5 years

31. The basic criteria for an aircraft Type Training Instructor must be, to either
- 1) **Hold an aircraft maintenance engineer's license endorsed with the type rating relevant to the type course being taught and successfully completed a formal instructor instructional techniques training program course**
 - 2) Hold a supervisory position or, a position of responsibility, as an avionic or mechanical practitioner within a CAR-145 maintenance environment and can prove practical experience of 6 months within the last 24 months
 - 3) Hold a supervisory position or, a position of responsibility, as an avionic or mechanical practitioner within a CAR-145 maintenance environment and can prove practical experience of 12 months within the last 24 months
32. The larger maintenance training organization (an organization with the capacity to provide training for 50 students or more)
- 1) should appoint a training manager with the responsibility of managing the training organization on a day to day basis.
 - 2) should appoint a training manager with the responsibility of managing the training organization on a day to day basis.
 - 3) **should appoint a training manager with the responsibility of managing the training organization on a day to day basis.**
33. The larger maintenance training organization (an organization with the capacity to provide training for 50 students or more)
- 1) should appoint an accountable manager with the responsibility of managing the training organization on a day to day basis.
 - 2) should appoint a maintenance manager with the responsibility of managing the training organization on a day to day basis.
 - 3) **should appoint a training manager with the responsibility of managing the training organization on a day to day basis.**
34. A certificate of fitness for flight
- 1) clears an aircraft for a scheduled flight.
 - 2) **permits the aircraft to fly under A condition.**
 - 3) permits the aircraft to fly under B conditions.
35. A Certificate of Approval of Aircraft Radio Installation is awarded
- 1) before the aircraft obtains a C of A.
 - 2) after the aircraft obtains a C of A.
 - 3) **regardless of the aircraft's C of A status**
36. A Type Certificate is a.
- 1) requirement prior to the issue of a C of A for aircraft in the Transport Category
 - 2) requirement for aircraft above 2730Kg MTWA
 - 3) **prerequisite to the issue of a C of A**
37. The minimum distribution of the Authorised Release Certificate CA Form 1 is
- 1) 1, to remain with the component to which it refers.
 - 2) **2, one for the originator and one to remain with the component to which it refers**
 - 3) 1, to be retained by the originator
38. The responsibility for reporting incidents and occurrences during a flight rests with the.
- 1) **aircraft commander**
 - 2) engineer clearing the tech log.
 - 3) air stewards
39. Who certifies maintenance of private category aircraft of mass 5700kg or less after 28 September 2006?.
- 1) A type rated engineer independent of a CAR 145 organisation.
 - 2) A CAR-147 licensed engineer
 - 3) **A certifying staff member of a CAR-145 approved organisation**
40. In order to obtain a type approval on an aircraft, an engineer must.
- 1) must work on aircraft for 12 months within the last 24 months
 - 2) have a manufacturers course within the last 3 years.
 - 3) **work on the type for 12 months in the last 24 months.**
41. Within an aircraft maintenance organisation approved in accordance with CAR-145, the limitations of an individual's certification rights are recorded upon
- 1) the personnel authorisation certificate
 - 2) **the aircraft maintenance licence**
 - 3) the personnel records