

KEMPSEY FLYING CLUB

FLYING COMPETITION

SUNDAY 27TH NOVEMBER 2016

NAME: _____ SCORE: _____/100

Q1. TDK's Maintenance Release **must** be signed by the pilot who intends flying the aircraft after they have done a daily inspection.

- A) True B) False

ANSWER: False (Any Licenced Pilot may sign the MR after daily Inspection)

Q2 By signing TDK's Maintenance Release after a 100 hourly Inspection and according to CASA's Maintenance Schedule 5 a LAME is indicating:

- A) The aircraft is safe to fly for the next 100 hours or 12 months
B) The aircraft is safe to fly at the time they signed the Maintenance Release.
C) It is up to the pilot to determine if the aircraft is safe to fly after examining the entries on the Maintenance Release
D) All of the above

ANSWER: B & C

Q3 If the maintenance release of TDK has an entry indicating that it is due for an oil change on 20th November 2016 and no oil change has taken place by the date of this flying competition (27th November) under CASA Schedule 5 Maintenance Program TDK must not be flown until an oil change has been completed.

- A) True B) False

ANSWER: False

Q4) Which of the following statements are true?

- A) TDK cannot be flown until the Maintenance Release is in the aircraft.
B) The pilot notes on the Maintenance Release of TDK that the Turn-and-Bank indicator is unserviceable. TDK cannot be flown until this defect is corrected.
C) There is no progressive flight times indicated on the Maintenance Release. Just a signature for the last three daily flight inspections. The aircraft can still be flown.
D) It is mandatory for a pilot to note any defect they have found on TDK on the Maintenance Release.

ANSWER: A C & D

Q5 Which of the following should you as the pilot check for on TDK's Maintenance Release?

- A) The MR is current
B) The MR is for TDK
C) All MR entries are correct and defects signed off if applicable
D) All of the above

ANSWER: D

Q6 Any pilot can do an oil change on TDK providing they have the expertise and have the appropriate tools loaned by a LAME .

- A) True B) False

ANSWER: True

Q7) According to CASA Regulations a pilot may carry out the following maintenance on TDK providing they have the expertise and suitable tools:

- A) Replace the windscreen
- B) Jack the aircraft to replace a tyre
- C) Clean or change spark plugs
- D) Re-pack wheel bearings

ANSWER: A, C & D

Q8 A pilot has to be endorsed to be the pilot-in-command from the right hand seat.

- A) True B) False

ANSWER: False

Q9 The following statement(s) in regard to the aerodynamics for TDK are true.

- A) Weights and Balance graphs in the Pilots' Operating Handbook are factored (increased by the manufacturer) by 15% to make it safer to fly the aircraft and avoid errors by pilots.
- B) In a climb thrust is greater than lift.
- C) The four forces acting on an aircraft in flight are: Lift, Thrust, Drag & Weight.
- D) I can expect to get the same performance from TDK as the graphs and information in the pilot's Operating Handbook indicate.

ANSWER: B & C

Q10 What minimum serviceable equipment must TDK have operating so that a VFR flight can take place:

- A) Turn and Bank Indicator , Airspeed Indicator, Altimeter, Vacuum Gauge, Artificial Horizon
- B) Airspeed Indicator, Altimeter, Magnetic Compass, Accurate Timepiece
- C) Airspeed Indicator, Altimeter, Magnetic Compass, Turn-and-Bank Indicator
- D) Airspeed Indicator, Altimeter, Outside Air Temp Gauge, Gyro Compass, Turn & Bank Indicator, Artificial Horizon

ANSWER: B

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