

**KEMPSEY FLYING CLUB**  
**ANSWERS FLYING**  
**COMPETITION**  
**SUNDAY 18<sup>TH</sup> DECEMBER 2016**

NAME: \_\_\_\_\_ SCORE: \_\_\_\_\_/100

**Q1.** You have obtained a weather forecast for a cross country flight in TDK. It indicates the wind will be from 240/15. Is the wind direction:

- A) 240 deg magnetic                      B) 240 deg true

**ANSWER:** B (10 marks)

**Q2** You also notice in the weather forecast that the area QNH is 2014. By setting that QNH on TDK's altimeter the altimeter will read the height of the aircraft:

- A) Above sea level  
B) Above the highest point for the area that the forecast covers.  
C) The height of the aircraft above any aerodrome in the forecast area  
D) All of the above

**ANSWER:** A (10 marks)

**Q3** You taxi to the holding point of Runway 22 for a cross country flight and set the QNH to that indicated by the Kempsey AWIS. The runway 22 height/airport height is 64 feet. You notice that the altimeter reads 164 feet. Is this within the limit of error allowed/recommended by CASA for TDK's altimeter

- A) True.                                      B) False.

**ANSWER:** B      **Note:** An error of up to plus or minus 75' is acceptable

**Q4** Let's say in Question 3 you come to suspect that the altimeter in TDK is inaccurate. Before your cross country flight can take place you should:

- A) Have the altimeter checked by another pilot.  
B) As the flight is being conducted under Visual Flight Rules it doesn't matter that you suspect the altimeter is unserviceable.  
C) TDK can only be flown in the circuit area of the aerodrome  
D) TDK cannot be flown until the altimeter is checked/repaired.

**ANSWER:** D (10 marks) **Note:** For VFR flight the aircraft must have a serviceable altimeter

**Q5** The air speed indicator in TDK indicates:

- A) True Airspeed  
B) Indicated Airspeed  
C) Calculated Airspeed  
D) All of the above

**ANSWER:** B (10 marks)

**PLEASE TURN OVER**

**Q6** If the pilot of TDK sets the altimeter to QFE before take off it will indicate the height of the aircraft above the ground in the circuit area.

- A) True                      B) False

**ANSWER:** A (10 marks)

**Q7)** You decide to conduct a flight under VFR to Lord Howe Island in TDK. As pilot in command you:

- A) Must obtain a weather forecast and submit a flight and nominate a SAR time  
B) Obtain permission from CASA to conduct a single engine flight over water to Lord Howe  
C) The flight cannot take place as you must hold and instrument rating, the aircraft registered in the IFR category, approved life jackets and raft must be carried and sufficient fuel to hold for 30 minutes at Lord Howe.  
D) None of the above apply and TDK can be flown to Lord Howe with approved life jackets and raft.

**ANSWER:** D (10 marks)

**Q8** The minima for VFR flight from Kempsey aerodrome (or any aerodrome) for TDK is:

- A) The pilot of TDK assessing or has received a weather forecast indicating visibility to be greater than 5 nautical miles  
B) The pilot of TDK assessing or has received a weather forecast indicating that the cloud base is 1000' and visibility in excess of 5nm exists.  
C) The pilot of TDK assessing or has received a weather forecast indicating the cloud base to be above 1000' and the visibility is 9999 (10 nautical miles or greater)  
D) The pilot of TDK assessing or has received a weather forecast indicating visibility of 5nm or greater, the cloud base is greater than 1000' and the flight can be conducted 1.5nm horizontally from cloud

**ANSWER:** D (10 marks)

**Q9** Which of the following **MUST** be carried in TDK for all flights:

- A) Maintenance Release.  
B) The Pilot-in-Command's licence.  
C) The Pilot-in-Command's medical certificate  
D) The aircraft's Pilot Operating Handbook  
F) The Pilot-in Command's log book

**ANSWER:** A C D (3 marks each)

**Q10** On your cross country flight, in TDK, the air traffic controller at Tamworth has issued (as part of your clearance to enter controlled airspace) the following instruction: "Block clearance is 4000' to 5000'

- A) You may fly at any height between 4000 and 5000 feet  
B) You must climb from your present level to 4000' and no higher than 5000 feet.  
C) You must remain below 4000' due other traffic at 4000 to 5000 feet.  
D) This instruction would only be issued to an aircraft operating under IFR.

**ANSWER:** A (10 marks)

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