

T-41C Open Book Exam

DO WRITE ON THIS EXAM

September 2022

1. What is the max gross weight for the T-41C in the normal and utility categories? (choose two)
 - A. Normal 2550 lbs
 - B. Utility 2250 lbs
 - C. Normal 2500 lbs
 - D. Utility 2200 lbs

2. What type of engine is in the T-41C?
 - A. Continental _____
 - B. Horsepower rating _____
 - C. Max RPM _____
 - D. Carbureted or Fuel Injected

3. There are 4 fuel drains and 1 strainer valve to drain any collected water in the fuel system
 - A. True
 - B. False

4. A push-pull knob labeled FUEL PUSH ON operates the shutoff valve. To prevent wear of the cable assembly, and to prevent a partially closed position of the fuel shutoff valve, the shutoff valve should be left in the PUSH ON position, except during emergency engine shutdowns.
 - A. True
 - B. False

5. The electrical system is powered by a _____VDC _____amp alternator and a _____ VDC battery, the battery is located _____

6. The ammeter indicates the amount current flow to or from the battery. What is the normal indication for the ammeter? _____

7. What is the maximum fuel capacity?
 - A. 56 gallons
 - B. 52 gallons
 - C. 46 gallons
 - D. 38 gallons

8. What is the usable fuel quantity for all flight condition?
 - A. 56 gallons
 - B. 52 gallons
 - C. 46 gallons
 - D. 38 gallons

9. If a circuit breaker “pops” you can reset it only once if there is no other electrical malfunction.
- A. True
 - B. False
10. The wing flaps are _____ operated and can be extended to _____
- A. Manually / 0-30
 - B. Manually / 0-40
 - C. Electrically / 0-30
 - D. Electrically / 0-40
11. An audible stall warning will occur at _____ to _____ MPH above an actual stall.
- A. 4/8
 - B. 5/8
 - C. 8/10
 - D. 5/10
12. nose gear steering is accomplished through the use of rudder pedals.
- A True
 - B. false
13. Excessive use of the landing/taxi lights, while on the ground may damage the protective lenses.
- A. True
 - B. False
14. What is the oil sump capacity?
- A. 6 quarts
 - B. 7 quarts
 - C. 8 quarts
 - D. 10 quarts
15. What is the minimum for a flight of less than 3hrs _____, more than 3hrs_____
16. During the runup checks what RPM is used?
- A. 1500
 - B. 1700
 - C. 1800
 - D. 2000
17. During a short field takeoff what is the Vx speed used to clear obstacles _____, What is the Vy speed that is used if there are no obstacles _____
18. Short field takeoff for obstacle clearance, the flaps should be set to _____ and best angle-of -climb speed of _____

19. Avoid slips with flaps over 30 due to
- A. Possible downward pitch
 - B. Over stressing the flaps
 - C. Possible pitching up
 - D. Airframe, flap and engine vibration
20. What is the maximum glide distance and speed from 3000' AGL _____, _____
21. Do not operate the engine on the ground with oil pressure below _____ or above _____
22. If the ammeter indicates full scale rate of charge or stabilizes at more than two needle widths, the first step is to turn
- A. Radios off
 - B. Transponder off
 - C. Master Switch off
 - D. Magnetos off
23. Normal operating speed range is
- A. 64-182 mph
 - B. 145-182 mph
 - C. 64-145 mph
 - D. 85-127 mph
24. What is the maximum cross wind limit for takeoff, flaps 0-20 _____; flaps full _____
- A. 15, 10 kts
 - B. 26, 16 kts
 - C. 15, 8 kts
 - D. 35, 26 kts
25. Normal traffic pattern speeds for a full flap landing are
- Downwind _____
- Base _____
- Final _____