

1. After reviewing your records, are you legal to act as PIC of this trip? (If necessary, mark all that apply)
 - A. Yes, everything is in order.
 - B. You need more landings to carry passengers.
 - C. You need a BFR.
 - D. You need a high performance endorsement.

2. After reviewing the aircraft's records, is the *YOLO Sled* legal for the entire trip as planned? (If necessary, mark all that apply)
 - A. Yes, everything is in order.
 - B. A 100 hour inspection needs completed.
 - C. The ELT inspection needs completed.
 - D. The Pitot-Static inspection needs completed.

3. What time does the KAVL tower open?
 - A. It operates continuously
 - B. 0730 Local
 - C. 0630 Local
 - D. 1030Z

4. With Jamel in the front passenger seat and the baggage in the aft compartment, what is your ramp weight and C.G. prior to engine start in KAVL?
 - A. 3,713.5 lbs at 134.87"
 - B. 3,713.5 lbs at 138.87"
 - C. 3,695.5 lbs at 140.28"
 - D. 3,695.5 lbs at 134.79"

5. Referencing the KAVL METAR, which of the following is a true statement?
 - A. The report was generated with human intervention.
 - B. Sea level pressure is 1017.1 Hg.
 - C. The dew point is 18.9°F.
 - D. The cloud layer at 5,500' covers 3/8-4/8 of the sky with clouds.

6. As you are accelerating to your rotation speed in Asheville, what are the VFR weather minimums?
 - A. 3 SM flight visibility; 500' below, 1,000' above, 2,000' horizontal distance from clouds.
 - B. 3 SM ground visibility; 500' below, 1,000' above, 2,000' horizontal distance from clouds.
 - C. 1 SM flight visibility; clear of clouds.
 - D. 1 SM ground visibility; clear of clouds.

7. After departure, on what frequency will you request VFR Flight Following?
 - A. AVL Tower 121.1
 - B. AVL Departure 124.65
 - C. ATL Center 132.65
 - D. Raleigh FSS 122.1

8. At your cruising altitude, how far away are you able to receive the SUG VORTAC?
 - A. 25 nm.
 - B. 40 nm.
 - C. 75 nm.
 - D. You will not be able to receive a signal from the SUG VORTAC.
9. What time do you reach your top of descent?
 - A. 6:14 AM
 - B. 6:16 AM
 - C. 6:18 AM
 - D. 6:20 AM
10. What is your magnetic heading during descent to KMOR?
 - A. 312°
 - B. 316°
 - C. 319°
 - D. 322°
11. Is there voice capability on the SOT VOR?
 - A. Yes.
 - B. No.
12. Despite what the KMOR METAR is reporting, it is slightly hazy. You decide to use the CTAF to activate the airport lights. After activation, what lights of the following will illuminate? (If necessary, mark all that apply)
 - A. RWY 5 MALSF
 - B. RWY 5 REIL
 - C. RWY 23 REIL
 - D. RWY 23 VASI
13. If the KMOR METAR visibility sensor went out of service and a Commercial rated pilot on the ground reports the visibility as 1 ½ SM, are you able to request a Special VFR from Knoxville Approach?
 - A. Yes.
 - B. No.
14. What is your landing ground roll distance at KMOR?
 - A. 1,900'
 - B. 1,650'
 - C. 1,120'
 - D. 960'
15. Which of the following is most accurate for your logbook entry for this flight?
 - A. Total: .4; PIC: .4; Night: .2
 - B. Total: .4; PIC: .4
 - C. Total: .4
 - D. Total: 1.4; PIC: 1.4

You are on the ground for a total of 15 minutes before continuing to Toccoa.

16. What is your ramp weight before departure?
 - A. 3,539 lbs
 - B. 3,980 lbs.
 - C. 3,949 lbs.
 - D. 3,967 lbs.

17. As you are holding short of the runway for takeoff, Marshall calls. You decide to answer in case there is an emergency. He just wants to know what time you will be arriving in Toccoa. You tell him:
 - A. 0815L
 - B. 1115Z
 - C. 0700L
 - D. 1228Z

18. What radial of the Snowbird VOR do you cross at the top of your climb?
 - A. 292°
 - B. 273°
 - C. 257°
 - D. 241°

19. What is located at N35°7.86' W82°58.92'?
 - A. Golf courses.
 - B. Lookout tower.
 - C. Lake Toxaway.
 - D. Cashiers.


20. What is your planned KTAS during cruise from Morristown to Toccoa?
 - A. 165 kts.
 - B. 160 kts.
 - C. 154 kts.
 - D. 149 kts.

21. After landing in Toccoa, how much fuel do you have remaining exceeding normal VFR Day reserves?
 - A. 1 hour 42 minutes 14 seconds
 - B. 48.4 gallons
 - C. 11 minutes 46 seconds
 - D. 5 gallons

22. While you are preparing the form for filing your VFR flight plan, which of the following is not necessary to include?
 - A. Your phone number.
 - B. The amount of fuel on board.
 - C. Your planned true airspeed.
 - D. The number of persons on board.

23. Thirty minutes later, you are holding short of the runway for takeoff. With Marshall and Elizabeth sitting in the rear seats and their baggage in the forward compartment, what is the takeoff weight and C.G.?
- A. 4,075 lbs. at 145.7"
 - B. 3,939 lbs. at 143.9"
 - C. 4,263 lbs. at 146.2"
 - D. 4,245 lbs. at 144.0"
24. What is your takeoff distance over a 50' obstacle from KTOC?
- A. 2,850'
 - B. 3,095'
 - C. 3,265'
 - D. 3,530'
25. At your top of climb, Marshall mentions that there is an outdoor wrestling match in Sevierville that he would like to attend when you arrive. The match begins at 8:30 AM. Assuming that it will take 30 minutes to get there from the time you land, will you make it in time?
- A. Yes.
 - B. No.
26. How long are you required to use oxygen on this leg?
- A. It is not required.
 - B. 9 minutes 24 seconds
 - C. 28 minutes
27. At some point during cruise, Marshall wants to see how fast you can get the airplane going. You proceed to apply max power as he yells YOLOOOOO!!!. You note the time and reference your sectional chart. You pass abeam the town of Otto at 7:56:45L and cross the SOT 215 Radial at 8:00:27L. What is your groundspeed during this period?
- A. 262 mph
 - B. 219 kts
 - C. 419 kmph
 - D. 201 kts

For performance calculations, assume the effects of applying max power are negligible.

28. 46 nm into the flight, what does  represent?
- A. Abandoned airport.
 - B. Public airport with other than hard surfaced runway.
 - C. Unverified airport.
 - D. None of the above.
29. At your top of descent, Marshall and Elizabeth are tired of sitting next to each other so Elizabeth decides to move to the center seat. What is your new center of gravity?
- A. 142.7"
 - B. 144.3"
 - C. 140.8"
 - D. 139.0"

30. As you pass over Clingmans Dome, what is your AGL altitude?
 - A. 10,500'
 - B. 3,857'
 - C. 580'
 - D. 235'

31. Referencing the KGKT METAR, what is the meaning of MDT CU NW?
 - A. Mountain Time zone cuts to the northwest of the field.
 - B. Moderate Cumulus Clouds Northwest of the field.
 - C. Moderate Cumulonimbus Clouds Northwest of the field.
 - D. Harrisburg airport is experiencing delays.

32. What radial does the KGKT airport lay off of the VXV VORTAC?
 - A. 352°
 - B. 282°
 - C. 102°
 - D. Unable to determine.

33. How far away are the thunderstorms from KGKT?
 - A. 0-5 sm
 - B. 5-10 sm
 - C. 10+ sm
 - D. There are no thunderstorms near GKT.

34. Using the KGKT METAR, landing on the most suitable runway over a 50' obstacle, how much runway remains in front of you after coming to a complete stop?
 - A. 2,045'
 - B. 1,100'
 - C. 3,460'
 - D. 2,830'

35. After landing and shutdown, you notice one of your right main wheel shock strut is low. A mechanic is not available, however the FBO has a tank of strut oil and you decide to fill it yourself. Does this qualify as preventive maintenance therefore enabling you to do this?
 - A. Yes.
 - B. No.

36. How much time did you spend in the state of Georgia today?
 - A. 19 minutes 19 seconds
 - B. 49 minutes 32 seconds
 - C. 1 hour 6 minutes 12 seconds
 - D. 1 hour 19 minutes 29 seconds

37. If you were operating at a towered airport and you check in saying that you *have the numbers*, what exactly does that mean? (If necessary, mark all that apply)
- A. You have received the ATIS broadcast.
 - B. You have received wind information.
 - C. You have received altimeter information.
 - D. You have received runway information.
38. What, if anything, did you do wrong on today's flights?
- i. Flew an unairworthy aircraft.
 - ii. You were not legal to act as PIC.
 - iii. Exceeded one of the *YOLO Sled's* limitations.
 - iv. Did not comply with the minimum safe altitude limits.
- A. You did nothing wrong.
 - B. i, ii
 - C. ii, iii
 - D. ii, iii, iv
39. How much fuel is remaining in your fuel tanks?
- A. 45 gallons
 - B. 35 gallons
 - C. 21 gallons
 - D. 210 Liters
40. How much total time can you add to your logbook today?
- A. .9
 - B. 1.2
 - C. 1.5
 - D. 2.1