

1. After reviewing the aircraft records, is everything in order for this flight?
 - A. No, you need an ELT inspection.
 - B. No, you need a pitot-static inspection.
 - C. No, you need a transponder inspection.
 - D. Yes, everything is in order.

2. After reviewing your personal records, are you legal for this flight?
 - A. No, you need a new medical certificate and a biennial flight review.
 - B. No, you need a new medical certificate.
 - C. No, you need a biennial flight review.
 - D. Yes, you're good to go.

3. Reviewing the weather you just pulled off DUATS, what conditions do you expect for this afternoon's flight, assuming a departure time of 16:30 local time?
 - A. Marginal VFR conditions in mist.
 - B. Occasional scattered clouds at 10000 feet.
 - C. Isolated thunderstorms and rain.
 - D. IFR conditions.

4. Departing runway 17 at Dewitt-Spain, what will be your takeoff distance to clear a 50' obstacle?
 - A. 900 feet.
 - B. 1300 feet.
 - C. 1700 feet.
 - D. 2100 feet.

5. Which of the following is true about Dewitt-Spain airport?
 - A. Runway 17 has a right hand traffic pattern.
 - B. The airport is attended from 8am to 4:30pm.
 - C. The airport can be used for VFR operations only.
 - D. The VASI for runway 17 has a 3 degree glide slope.

6. If you start engines at 16:30 local, and it takes you 7 minutes to taxi out and run-up, what time should you tell George to be waiting for you in Blytheville?
 - A. 16:56 local
 - B. 17:03 local
 - C. 22:56 UTC
 - D. 23:03 UTC

7. After taking off, you realize that climbing to your planned cruising altitude of 5500 feet will put you in the Memphis class B airspace. What frequency would you use to request clearance into the class B?
 - A. 120.25
 - B. 125.27
 - C. 118.92
 - D. 119.1

8. Approximately 20 miles along your route, you look at the chart and realize that the Field of Dreams private airstrip is just off to your right side. What kind of airstrip is Field of Dreams?
 - A. An open field with no defined runway.
 - B. A private airstrip owned by the federal government.
 - C. An ultralight strip.

- D. A forest service airstrip.
9. Shortly after passing Field of Dreams, it's time to start your descent into Blytheville. What landmark will you be abeam when you start your descent?
- A. The town of Osceola.
 B. Ohlendorf private airport.
 C. The town of Burdette.
 D. The town of Luxora.
10. Since you took off from Dewitt-Spain at 16:37 local, can you still expect the airport at Blytheville to be attended when you arrive?
- A. Yes
 B. No
11. Considering the width of the runway in Blytheville, what illusion do you need to be cautious of while landing?
- A. The illusion on final that you are lower than you actually are, potentially resulting in flaring too high causing a hard landing or overshoot.
 B. The illusion on final that you are higher than you actually are, potentially resulting in a dangerously low approach.
 C. A loss of depth perception making it difficult, if not impossible, to visually determine your glidepath.
 D. None, all of the above illusions only occur at night, and you are landing during daylight hours.
12. After landing, shutting down and greeting George, you get ready for the next leg to Camden. Since you started at Dewitt-Spain with a full 48 gallons usable fuel, you decide not to get gas. Once George gets on board, what will be your weight and center of gravity?
- A. Weight 2289 pounds, C.G. 89.58 inches.
 B. Weight 2289 pounds, C.G. 89.52 inches.
 C. Weight 2264 pounds, C.G. 89.52 inches.
 D. Weight 2264 pounds, C.G. 89.58 inches.
13. You're planning on flying to Camden at 7500 feet, but there are broken clouds overhead at 4500 feet. If you try to pick your way through the clouds, how far away from the clouds will you have to stay to avoid a violation?
- A. No specific distance, just remain clear of clouds.
 B. 1000 feet above, 1000 feet below and 1 mile horizontally.
 C. 3 statute miles.
 D. 500 feet below, 1000 feet above and 2000 feet horizontally.
14. Looking at your watch, you realize it's taking longer than you had planned to get back airborne out of Blytheville, and you need to call ahead to the catfish restaurant in Camden to hold your dinner reservations. If you manage to start engines at 23:00 UTC, and it takes 10 minutes to taxi and run-up, when will you be arriving at the Camden airport, in local time? (Round your answer to the nearest minute.)
15. You're almost ready to go, but you want to file a flight plan for this leg of the trip. Unfortunately, there's nowhere for you to connect to the internet, and all the letters are rubbed off your cell phone. What phone number do you need to dial to reach flight service and file your flight plan.
- A. 1-800-238-7527
 B. 1-800-992-7433
 C. 1-800-358-7782
 D. 1-800-745-6871

16. Which of the following pieces of information are you required to include when filing your flight plan?
- A. The aircraft's color.
 - B. The amount of fuel on board.
 - C. Alternate airport.
 - D. The airport where the aircraft is based.
17. After being put on hold for a few minutes, you finally get your flight plan filed. As you walk back out to the aircraft, you wonder if it was really worth the hassle. True or false, you're required to file a flight plan for this flight?
- A. True
 - B. False
18. What landmark will you see below as you reach the top of your climb?
- A. A small river.
 - B. The Mississippi River.
 - C. A divided highway.
 - D. Railroad tracks.
19. What is the significance of the dashed magenta line circling the Dyersburg airport?
- A. You are required to obtain an ATC clearance to pass through this area.
 - B. It marks the location of Class D airspace when a temporary tower is operating..
 - C. It marks an area where Class E airspace extends all the way to the surface.
 - D. It indicates an area of Class G airspace cut out of the surrounding Class E airspace..
20. Why does the area marked by the dashed magenta line mentioned in the previous question extend to the southwest of Dyersburg?
- A. To indicate the direction that aircraft are preferred to depart for noise abatement.
 - B. To provide uncontrolled airspace to allow aircraft landing to the northeast at Dyersburg to extend their downwind legs.
 - C. To indicate the width of airway V47.
 - D. To provide controlled airspace to contain standard instrument approach procedures without imposing a communications requirement on VFR traffic.
21. As you level off at your cruising altitude, you decide to go ahead and activate your flight plan. Which of the following would be the best way to do that?
- A. Contact Jackson radio on 122.45.
 - B. Contact Jackson radio on 121.5
 - C. Contact Jackson radio on 127.15
 - D. Contact Memphis center on 134.65
22. Shortly after activating your flight plan, you contact Memphis center and request VFR flight following. What services does VFR flight following provide?
- A. Safety alerts.
 - B. Traffic advisories.
 - C. Limited radar vectoring.
 - D. All of the above.

23. What do you expect to see out the right side of the airplane 30 minutes after taking off from Blytheville?
- A. The town of Brazil.
 - B. The town of Trenton.
 - C. Gibson County airport.
 - D. The town of Milan.
24. As you pass abeam the Gibson County airport, Erika notices your old ADF, and starts asking questions about it. To demonstrate, you turn it on and tune in the Gibson NDB. What will the ADF do?
- A. Nothing, Gibson NDB is deactivated.
 - B. The needle will point to the right, directly at the station.
 - C. The needle will point to the left, away from the station.
 - D. The needle will point behind the aircraft.
25. Which is true about the military training routes that you cross just northeast of the town of Milan?
- A. The VFR routes are above 1500 feet AGL.
 - B. The IFR routes are below 1500 feet AGL.
 - C. The VFR routes are below 1500 feet AGL.
 - D. All of the routes are inactive on the weekend.
26. What landmark will mark the top of your descent into Camden?
- A. Railroad tracks near the town of Trezevant.
 - B. The town of Huntingdon.
 - C. A bridge over a creek.
 - D. The town of McLemoresville.
27. As you're descending into Camden, you notice a F-16 at minimum controllable airspeed just above and ahead of you on your left hand side rocking his wings and flashing his navigation lights. You've just been intercepted, what should you do?
- A. Increase your rate of descent in order to expedite your landing at the nearest suitable airport.
 - B. Start flying 360 degree circles while awaiting further instructions.
 - C. Ignore him, there's no reason for you to be intercepted, he's probably just showing off.
 - D. Rock your wings and flash your navigation lights to indicate you will comply with his instructions.
28. Since you've been talking to Memphis center the whole way, and concerned about being intercepted, you contact them for instructions. Memphis advises you it's okay to continue to Camden, but the F-16 is indicating that you should follow him in the direction of Carroll County airport. Now what should you do?
- A. Follow the F-16, but request clarification from Memphis center.
 - B. Follow Memphis center's advice, and count on them to advise the F-16.
 - C. Attempt to contact the F-16 for clarification.
 - D. None of the above.
29. After about 30 nervous seconds, the F-16 makes a hard turn away from you while climbing at full afterburner. What are his intentions?
- A. You're in trouble. He's getting in position to fire on you.
 - B. He's maneuvering out of the way so another aircraft can take over the intercept.
 - C. He's advising you that you can proceed.
 - D. No way to tell what his intentions are.

30. As you get ready to land in Camden, it's starting to get dark and you start to wonder about runway lighting. What kind of runway lighting can you expect to see there?
- A. Medium intensity runway lighting, airport beacon, runway end identifier lights on runway 4, runway end identifier lights on runway 22, precision approach path indicator lights on the right side of runway 4 and precision approach path indicator lights on the left side of runway 22.
 - B. Medium intensity runway lighting, airport beacon, runway end identifier lights on runway 22, precision approach path indicator lights on the right side of runway 4 and precision approach path indicator lights on the left side of runway 22.
 - C. Medium intensity runway lighting, airport beacon, runway end identifier lights on runway 22, precision approach path indicator lights on the left side of runway 4 and precision approach path indicator lights on the left side of runway 22.
 - D. Medium intensity runway lighting, airport beacon, runway end identifier lights on runway 4, precision approach path indicator lights on the right side of runway 4 and precision approach path indicator lights on the left side of runway 22.
31. Because it's starting to get dark, you decide to turn on the runway lights. How do you go about doing this?
- A. 7 clicks in 5 seconds on frequency 122.8.
 - B. 5 clicks in 5 seconds on frequency 122.8.
 - C. 3 clicks in 5 seconds on frequency 122.8.
 - D. None of the above.
32. After landing in Camden, you make it to the restaurant enjoying an awesome catfish dinner. While you're there, Erika starts to think about buying a 20 pound box of frozen catfish filets to take back to Memphis. If she does, and straps the box into the back seat next to George, what will be your ramp weight and center of gravity in Camden? (Round weight to the nearest pound, and center of gravity to the nearest hundredth of an inch.)
33. While Erika was contemplating stocking her freezer, George was at the restaurant bar, adding a few shots to the alcoholic beverages he had with dinner. As attempts to stagger out the front door of the restaurant, he stumbles and smashes his head on a rock. The paramedics are called, and they say he has a severe head injury, requiring treatment at a major trauma center. There isn't one in Camden, the nearest one is in Memphis, just a few minutes away from Dewitt-Spain airport. If you use performance cruise at 75% using your best economy mixture (8.8 gallons per hour,) how long would it take to fly George to Dewitt-Spain from Camden at 2500 feet? The local altimeter setting in Camden is 30.01, with a temperature of 28C. Use the winds aloft for 3000 feet, and an outside air temperature of 24C in cruise.
34. What is your cruise true airspeed on this leg?
- A. 115
 - B. 123
 - C. 120
 - D. 105
35. Based on your answer in question 34, what indicated airspeed will you be flying in cruise on this leg?
- A. 99
 - B. 108
 - C. 116
 - D. 113

36. After consulting with the paramedics, you determine that it will take too long for an ambulance to drive to Camden to pick up George, and that the nearest medical helicopter is tied up with a major car accident. You make the decision to load George up and fly him to Memphis, where an ambulance will be waiting at Dewitt-Spain airport to take him to the trauma center. The paramedics get him stabilized and transport him, you and Erika to the airport. Given the circumstances, you decide to apply the IMSAFE personal checklist to yourself to make sure you're really up for this. What does the S in the IMSAFE checklist stand for?
- A. Sleepiness
 - B. Sadness
 - C. Sinus
 - D. Stress
37. After determining that you're okay to fly, you're now underway on your way back to Dewitt-Spain. You got airborne at 21:15 local, about 90 minutes after sunset. What weather conditions do you expect upon arrival in Memphis?
- A. Winds 180/06, scattered clouds at 5000 feet, 6 miles visibility.
 - B. Winds 180/06, scattered clouds at 5000 feet, greater than 6 miles visibility.
 - C. Winds 160/06, skies clear, greater than 6 miles visibility.
 - D. Winds 160/06, skies clear, 6 miles visibility.
38. As you approach the Memphis area, you notice on the chart the abandoned Arlington airport. What, if any information, can you determine about the former airport?
- A. It had a runway oriented northeast-southwest.
 - B. It had a runway at least 3000 feet long.
 - C. It had a runway at least 5000 feet long.
 - D. It's no longer an active airport, no way to determine any information from the chart.
39. What will be your landing distance to cross a 50' obstacle, assuming a temperature of 29C, an altimeter setting of 29.98 and the forecast winds for your arrival time?
- A. 850 feet.
 - B. 1070 feet.
 - C. 1290 feet.
 - D. 1510 feet.
40. You make it back to Dewitt-Spain, get George sent off to the hospital, tie down the airplane and look back on the trip. What, if anything did you do wrong?
- I. Flew passengers without being night current.
 - II. Flew an intoxicated passenger.
 - III. Violated a presidential TFR on the way back to Dewitt-Spain.
 - IV. Failed to maintain adequate VFR fuel reserves.
- A. I.
 - B. I and II.
 - C. I, II and III.
 - D. I, II, III and IV.