

S3-22. If you burn two gallons of fuel in 35 minutes, what is your rate of fuel consumption, and how long would it take to burn 10 gallons?

- A. 3.2 gallons/hour, and 100 minutes.
- B. 3.4 gallons/hour, and 3 hours.
- C. 3.6 gallons/hour, and 2 hours.

S3-23. In addition to other pre-flight actions for a VFR cross-country flight, regulations specifically require the pilot in command to

- A. Determine runway length at the airports of intended use.
- B. Check each fuel tank visually to ensure that it is always filled to capacity.
- C. File a flight plan for the proposed flight.

S3-24. Refer to 8080-10 figure 60

("Computer Testing Supplement for Sport Pilots" with your Knowledge test prep book or Prepware).

Estimate the time en route from Commerce Airport (area 6) to Winnsboro Airport (area 2). The wind is from 340° at 12 knots and the true airspeed is 36 knots.

- A. 51 minutes.
- B. 54 minutes.
- C. 60 minutes.

S3-25. (Refer to 8080-10, figure 69). What is the estimated time en route for a flight from Claxton-Evans County Airport (area 2) to Hampton-Varnville Airport (area 1)? The wind is from 290° at 18 knots and the true airspeed is 85 knots. Add 2 minutes for climb-out.

- A. 35 minutes.
- B. 39 minutes.
- C. 44 minutes.

S3-26. (Refer to 8080-10, figure 56). En route to First Flight Airport (area 5), your flight passes over Hampton Roads Airport (area 2) at 1456 and then over Chesapeake Municipal at 1501. At what time should your flight arrive at First Flight?

- A. 1516.
- B. 1521.
- C. 1526.

S3-27. (Refer to 8080-10, figure 57) Can a sport pilot fly directly from Mesquite Airport (area 9) to Aero Country airport (area 7) without a class B airspace endorsement?

- A. No. This is class B airspace.
- B. Yes if he remains below 4,000 feet MSL.
- C. Depends on whether the tower provides approval.

S3-28. (Refer to 8080-10, figure 57, area 4). The floor of Class B airspace above Hicks Airport (T67) north-northwest of Fort Worth Meacham Field is?

- A. At the surface.
- B. 3,200 feet MSL.
- C. 4,000 feet MSL.

S3-29. (Refer to 8080-10, figure 57, area 1). The floor of Class B airspace at Hidden Valley Airport is

- A. At the surface.
- B. 3,000 feet MSL.
- C. 3,100 feet MSL.