

Name: _____

Date: _____

CFI Signature: _____



1. What is a proper cruising altitude when heading eastbound? Westbound?
Eastbound: Odd thousand + 500' (3,500; 5,500; 7,500)
Westbound: Even thousand +500' (4,500; 6,500. 8,500)
2. What is Pilotage?
Navigating via visible landmarks
3. What is Dead Reckoning?
Navigating via calculating performance from a known position
4. What is Magnetic Variation? How do we find it on a sectional?
Magnetic Variation is the angle between True North and Magnetic North. Locate the isogonic line. A Long dotted magenta line with a degree value.
5. How do you convert True Heading to Magnetic Heading?
Find the nearest Isogonic line, Add or subtract the value from the true heading.
East is least (subtract); West is best (add).
6. What are the 5 C's?
Lost Procedures:
Climb
Circle
Confess
Communicate
Comply
7. What is the universal emergency radio frequency?
121.5
8. How do you file a VFR Flight Plan?
Foreflight or 1-800-WX-Brief (online or via phone)
9. What is the difference between VFR Flight Following and a VFR Flight Plan?
VFR Flight Following will give you traffic advisories from ATC on a workload permitting basis.
VFR Flight Plans – will trigger a search and rescue operation if aircraft is past due

10. How can you activate and close your VFR flight plan?

Contact FSS or via Foreflight

11. How long after your proposed landing time do search and rescue operations start?

30 Minutes

12. What is the FSS frequency in the area of KBTW?

122.2 Burlington Radio

13. For a flight not in the vicinity of the airport what information is required to be reviewed?

N - NOTAMs

W - Weather

K – Known ATC Delays

R – Runway Length of Intended Use

A - Alternates

F – Fuel Required

T – Takeoff and Landing Distances

14. When 2 aircraft of the same category are converging who has right of way?

The aircraft to the right has right of way

15. With regard to aircraft category what acronym can be used to determine right of way?

B – Ballon

G – Glider

A – Airship

A – Aircraft

R – Rotorcraft

16. What is the required legal fuel reserves for Day VFR? What are the minimums based on VFA SOPs?

FAA: 30 Minutes

VFA: 45 Minutes

17. How is Class C depicted on a sectional? Class D?

Solid Magenta Ring; Dotted Blue Ring

18. What equipment is required to operate an aircraft in Class C airspace?

Two way radio & Mode C Transponder

19. What requirement must be met before entering Class C airspace? Class D?

Class C: Two way radio communication established, ATC must say Tail #

Class D: Two way radio communication established

20. What is a restricted area?

An area where flight is prohibited without prior permission from the controlling agency

21. What is a MOA? Can you fly in a MOA?

Military Operations Area – yes, but should use extreme caution. Contact FSS for more information concerning the MOA.

22. What publication gives more detailed information about a particular airport?

Chart Supplement

23. What area is represented by the solid blue line with blue dots? What altitude is it recommended you fly over that area?

Wilderness Area; 2,000' AGL



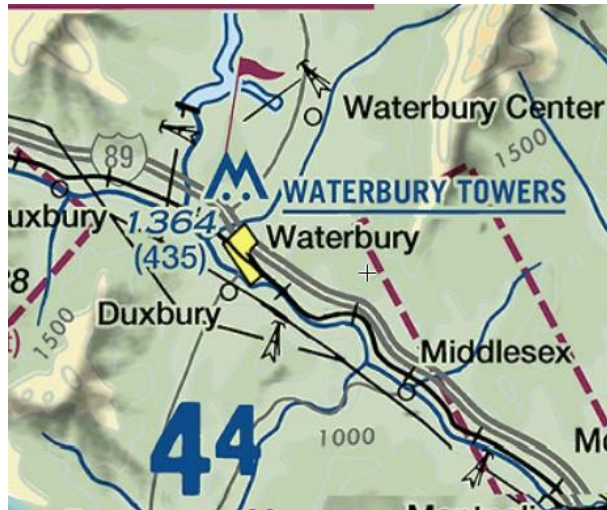
24. What is represented by the dot between the 2 runways at KALB?

Location of a VOR located on the airport.



25. What is represented by the magenta flag?

VFR Checkpoint – Waterbury Towers



26. Calculate Ground Speed and wind correction angle:

TAS: 105 Kts

True Heading: 135°

Wind: 210° @ 25 kts

Ground Speed: 96 kts – WCA: +13°

27. Calculate the time it will take to travel 18NM at 107kts:

Approximately 10 minutes

28. Calculate the distance traveled if you are flying 94 kts for 12 minutes:

Approximately 19 NM

29. Calculate total fuel burn – 9 GPH for 16 minutes

2.4 Gallons

30. If you have to land at an unplanned airport for any reason what should you do?

Secure the aircraft by the best means available. Contact VFA Staff via 802-863-5988.