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Biennial Flight Review

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The following is to help prepare for the BFR:

I will ask you at least all the following questions and you will be expected to know the answer.

To prepare for the BFR I highly recommend you obtain a copy of "Guide to the biennial flight review" from ASA (www.asa2fly.com) or from the office at the Santa Ynez airport (\$12.95 there).

FAR 61.56 states that every pilot must take a biennial flight review every 24 months to maintain PIC privileges.

The conduct of the BFR is at the discretion of the flight instructor, but the FAA does state minimum requirements necessary for the satisfactory completion:

- 1 hour of flight instruction and 1 hour of ground instruction
- A review of FAR 91
- A review of those maneuvers and procedures necessary for the pilot to demonstrate safe flight
- A logbook endorsement stating the satisfactory completion of the check

Conduct of the BFR

Although the FAA does not specify which maneuvers should be included in a BFR, they have published an Advisory Circular with the suggested procedures. Ultimately, the contents of the Flight Review are at the discretion of the CFI, but for a consistent and thorough check, AC 61-98A should be consulted.

Check the table at the end of this document for a table of the maneuvers you will be asked to perform. (Other maneuvers may be asked for, if needed, to demonstrate your ability to safely fly your aircraft.

Is the FAA notified of an unsuccessful BFR?

No. The logbook endorsement states only satisfactory completion of the BFR.

A logbook entry could be entered showing dual received in the area received

Can an instrument competency check serve as a BFR?

No. By itself, the instrument competency check serves only that purpose; however the two functions can be combined in the same flight. This calls for meeting both requirements and 2 separate endorsements for the competency check and the BFR.

The problem could be the length of time involved in demonstrating proper skill and knowledge in both areas. I recommend doing them at separate times.

The following are the questions you will be asked for sure. Know the answer!

1. If a pilot has not had a BFR for more than 2 years, is his/her pilot certificate invalid?
2. Can a pilot fly solo (be the sole occupant of the airplane) without a current BFR?
3. Does a pilot have to possess a current medical certificate to satisfactorily complete a BFR?
4. If a BFR is rendered unsatisfactory, does the pilot have to return to the same CFI for another attempt?
5. What are the requirements to remain current as a private pilot?
6. What type of medical certificate do you need? When does it expire?
7. Can you legally fly an aircraft that has any inoperative equipment?
8. What are the required maintenance inspections for your aircraft? What type of records have to be kept?
9. Define preventive maintenance?
10. What are the two main categories of clouds? Which type of visibility, turbulence and precipitation would you expect with each kind?
11. What is standard atmosphere at sea level?
12. What is the average lapse rate in degrees C?
13. What conditions are necessary for structural icing to occur?
14. What action is recommended if you inadvertently encounter icing conditions?
15. Why is wind shear an operational concern to pilots? Is it more of a problem for light aircraft or large one?
16. What is flight service station 1-800 number? What is duat?
17. What type of briefing would you ask for to get the most complete briefing?
18. How often does a Metar come out? When does it normally come out? What does it mean when an extra one comes out at a non standard time?
19. How often does a TAF come out?
20. Why look at both satellite and radar charts?
21. Why look at a prognostic chart?

22. Are cloud base reported as AGL or MSL? (Except Pirep)
23. What is a Sigmet? Airmet? Convective sigmet?
24. What is maneuvering speed in your aircraft? What does it mean? Effect of weight on it?
25. What cause an airplane to stall?
26. Is the stalling speed the lowest at the most forward or aft legal CG?
27. Where does an aircraft fly the fastest? Most forward or aft legal CG?
28. Demonstrate how to compute a weight and balance for your aircraft, from the actual aircraft weight.
29. What is the weight of fuel?
30. How much fuel does your aircraft burn per hour in climb and at cruise?
31. What speed do you use for landing at sea level? What speed would you use to land at a high altitude airport?
32. What is the best glide speed for your plane?
33. What does the yellow arc on your airspeed indicator mean?
34. What would you do if you become disoriented or lost on a cross-country flight?
35. What is the radio emergency frequency? Transponder emergency code?
36. Which direction is a standard landing pattern?
37. When do you have to use the seatbelts? Shoulder harness?
38. Can you fly formation with another aircraft?
38. How low can you fly over a congested area? Lightly populated? Unpopulated?
39. What are the different light signals?
40. Fuel reserve daytime, nighttime?
41. What are the supplemental oxygen requirements?
42. What is class A airspace? How is it depicted on a sectional chart? Type of clearance required if any? What are the visibility and cloud clearance requirements? Any special equipment required in the aircraft?

Same as above for class B, C, D, E, G, prohibited, restricted, MOA, warning, alert, TRSA

43. When and where could you obtain a special VFR? What would be your weather minimums?
44. What does the AIM say about the altitude at which you can turn crosswind after takeoff? What altitude should you be at before turning downwind? Where is the normal place in the pattern to turn base? What is the normal distance between the downwind leg and the runway?
45. Is the saying: "Any traffic in the area, please advise" part of the AIM recommend procedures? Should it be used?
46. Does applying carburetor heat makes the engine mixture leaner or richer? Why?
47. Should you use partial carburetor heat in colder temperatures? Why?
48. What would you do if the engine starts to overheat on a climb?
49. What is shock cooling? How would you prevent it?
50. Know your airplane emergency procedures, as stated in the operating handbook.
51. What is hypoxia? What are the oxygen requirements?
52. How long from drinking to flying? What is the maximum legal blood alcohol?
53. Right of way rules. In the pattern and in cruise flight.
54. What is a tetrahedron? What is it for?
55. At what wind velocity would the windsock at KIZA be flying straight?
56. What is the AWOS frequency for KIZA? When would you listen to it? Is there a phone number for it?
57. When would you use the term "Santa Ynez traffic or "Santa Ynez unicom" when making calls on 122.8 at KIZA?
58. What is the runway length? What would be your airplane take off and landing distance at KIZA on a 20deg C and gross weight, no wind? What about over a 50 foot obstacle?