



DFC Aztec Aircraft Quiz

1. Total fuel capacity: _____ Usable: _____
Number of tanks: _____ Usable Capacity of each tank: _____
2. Location of fuel drains:
3. How do we measure reduced fuel without relying on the gauges?
4. What fuel octane rating is specified? _____ Color? _____
5. How do you switch tanks?
6. When should you switch tanks?
7. What is fuel cross feed and when is it used?
8. Explain how to cross feed fuel.
9. When are the electric fuel pumps used?
10. Describe starting procedures for normal: _____
Flooded: _____ Hot Start: _____
11. What are the indications and procedures for induction ice.
12. Minimum oil level: _____ Maximum oil level: _____
13. Maximum take-off weight: _____ Maximum landing weight: _____
14. Calculate W&B for yourself and four passengers each weighing 180 # and full fuel with 40 # baggage.
15. What are the baggage compartment capacities?
16. What is the zero fuel weight and what does it signify?
17. What is the engine type and hp?
18. How many hydraulic pumps are there and what do they supply?
19. Describe the landing gear system.
20. What is V_{le} _____ V_{lo} _____ What do they signify?

21. What are the landing gear unsafe indications?
22. When will the gear warning horn sound?
23. What should you do if all three green gear-down lights don't come on with the gear selected down?
24. Describe procedures for emergency landing gear extension.
25. What keeps the gear from retracting on the ground?
26. What are the flap extension speeds, V_{fe} ?
27. Describe procedures for emergency flap extension.
28. Describe trim control surfaces.
29. How is cabin heat supplied?
30. Describe operation of the heater fan switch.
31. What are the following, and what does each signify:

V_r _____	V_x _____
V_y _____	V_{xse} _____
V_{yse} _____	V_{mc} _____
V_{so} _____	V_{s1} _____
V_a _____	
32. Describe traffic pattern procedures.
33. What is the normal approach speed?
34. What is the enroute climb speed?
35. Describe the go-around procedure.
36. Describe engine out procedures, inflight: _____
 On departure _____ Before rotation: _____
37. Which engine is the critical engine, and why?
38. Maximum demonstrated crosswind component?
39. What are the procedures for engine fire on the ground?
 In flight?
40. Describe the electrical system.

41. What are the indications of an alternator malfunction and what are the procedures?

42. Describe symptoms and procedures for an electrical fire.

43. Calculate:

	Takeoff	Landing	Acc-Stop	Two Engine Climb	S.E.Climb
2500' P.A. 25 ° C 4800#					
2500' P.A. 43° C 5200#					

44. What are the FAA requirements for ME currency?

DFC requirements?