



Multi-Engine Required Knowledge Quiz

1. Define Vmc.
2. Who determines Vmc for a particular aircraft?
3. Why is aft CG used in determining Vmc?
4. What are the factors in determining Vmc?

C

O

M

B

A

T

S



5. Define critical engine?

6. What factors are used to determine a critical engine?

P

A

S

T

7. What causes an aircraft to sideslip with the loss of an engine, and what action is required to correct this?

8. How much climb performance is lost when an engine fails?



9. What aircraft equipment checks are required under FAR part 91? (Think MX/Inspections)

10. Define absolute and single-engine service ceiling.

11. What documents are required to be in the aircraft?

12. Explain lost communications procedures. (AVE F)

13. Why does manifold pressure decrease approximately 1" for every 1,000' during climb?

14. When an engine is inoperative or feathered, what indication will be observed on the manifold pressure gauge?



15. Why is the manifold pressure gauge not necessarily a good indicator in determining an inoperative engine?

16. Define Vsse.

17. What are the drag factors on light twins? (Think clean-up after engine failure)