CAP PILOT FLIGHT EVALUATION QUESTIONNAIRE

MEMBER'S NAME & GRADE	CAPID	AIRCRAFT MAKE & MODEL	

CHECK PILOT NAME & GRADE	CAPID	SCORE	DATE

Complete this open book questionnaire using the Flight Manual/Pilot's Operating Handbook/STC. If a question or part of a question is not applicable, write in NA. The check pilot will review and grade the questionnaire. Minimum passing score is 80% corrected to 100%. The completed, scored, and corrected questionnaire will be filed in the pilot's flight records.

1. Total fuel capacity _____gal. Usable fuel _____gal. Location_____.
2. Number of fuel drains_____. Fuel color_____.
3. Today's average fuel burn is estimated to be _____GPH; providing_____ hours of endurance.
4. Oil capacity is _____quarts. Minimum for takeoff is _____ quarts.
5. Max takeoff weight_____. Max Landing weight_____.
6. Maximum RPM and MP for takeoff are _____ and _____in/Hg.
7. C182/C206/GA8 – Max climb power   MP_____   RPM_____.
8. White ARC _____KIAS Range. Green ARC_____KIAS Range.
9. Gliding distance @ 3,500ft AGL, Max Weight, Zero Wind_____.
10. This plane operates on a _____volt electrical system. Main battery_____ volts.
11. Magnetos are checked at _____RPM. RPM drop should not exceed _____RPM
12. Useful load for today's flight is_____.
13. Takeoff & Landing distance for today's flight is   T/O: _____ Landing: _____.
14. Today's Density Altitude is_____.

Provide the following airspeeds in KIAS at maximum gross weight?

Va (maneuvering speed)		Vx (best angle of climb, sea level)	
Vso (stall, landing config)		Vy (best rate of climb, sea level)	
Vs1 (stall, cruise config)		Best glide Speed	
Vne (never exceed speed)			

Complete the BOLD FACE memory items for the following emergencies.

➢ Engine failure immediately after takeoff.

_____

➢ Engine fire during start.

_____

➢ Engine failure during flight (Restart).

_____

➢ Autopilot or Electrical Trim Failure (if applicable) otherwise Engine Fire during flight

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