



C-182T AIRCRAFT CHECKOUT QUIZ

Name _____

Date _____

Certificate and Ratings _____

Certificate # _____

Total Time _____ Time in type: _____

Instructor (if applicable) _____

1. List the following V-speeds for the aircraft in KIAS:

V_{so} _____

V_x _____

V_y _____

V_s _____

V_{fe} _____

V_{no} _____

V_{ne} _____

V_a _____

Approach (Flaps Down) _____

Max Demonstrated Crosswind _____

4. What is the max takeoff weight?

5. What is the max landing weight?

2. List the appropriate actions upon having an engine fire during startup

3. List the appropriate actions upon having an engine failure during flight

15. Describe the Starting Procedure(normal):

Hot start procedure:

Flooded start procedure:

6. Given a standard temp at altitude describe the altitude you would choose, & power setting you would use. (give BHP TAS and GPH) for a x-c flight.

7. With reduced fuel (at tabs) give the endurance @ 75% power

8. Determine minimum takeoff distance for the aircraft under the following conditions:

P/A 1,000ft Temperature 20°C Headwind 9kts Weight 2700 lbs.

9. Determine weight and balance

	Weight	Arm	Moment
BEW	<u>1995</u>	<u>38.35</u>	<u>76,498</u>
Pilot & Pass	<u>400</u>		
Rear Occupants	<u>200</u>		
Baggage A	<u>20</u>		
Baggage B	<u>0</u>		
Zero Fuel Weight	<u> </u>		
Zero weight CG		<u> </u>	
Fuel @ 6 LBS/GAL	<u>522</u>		
Ramp Weight	<u> </u>		
Taxi Fuel Allowance	<u> </u>		
Takeoff Weight	<u> </u>		
CG Location		<u> </u>	

Is the aircraft within limits?

10. Describe the Engine:

What is the Max RPM and Rated Horsepower?

What is the Oil Capacity? _____ Minimum allowable? _____

What is the purpose of the cowl flaps? What is the proper procedure for their use?

11. Describe the Propeller

How does the governor regulate pitch ?

