Sling Aircraft
Sling NGT
Make and Model Checkout

Name: _____ Date: _____

Ratings: _____ Total Hours: _____

Before Take-off		
Preflight	Uses checklist and P.A.V.E.	❑
Cockpit & resource management	Is organized and familiar with equipment onboard	❑
Airport signs and markings	Discuss signs and markings, hold short ops, etc.	❑
Taxi Operations	Smoothly and carefully maneuvers aircraft, constantly scans for traffic, performs run-up into wind, positions flight controls according to wind direction and velocity. Uses checklist thoroughly.	❑

Flight Maneuvers	(Must be performed to PPSEL ACS)	
Med. & steep banked turns	180 deg. turns both directions at 30 deg. bank 360 deg. turns both directions at 45 deg. bank	❑ ❑
Slow flight (per PPSEL ACS)	Include turns in both directions	❑
Power off stall- landing config.	Performed in a 20 deg banked turn, full flaps	❑
Power on stall – depart. config.	Performed in a 20 deg banked turn	❑
Emergency Procedures	Completes all tasks if time permits	❑
Instrument Flight	Return to Airport IR, using Nav equipment	❑

Takeoffs & Landings	**Airport(s):**	
Normal (Full flaps if applicable)	Review wake turbulence procedures	❑
Short field	Per POH	❑
Soft field	Per POH	❑
Short approach / power off lndg.		❑
Go around		❑
Crosswind	If available, or discuss	❑

All these items have been satisfactorily performed to Private Pilot ACS standards

Instructor's signature: **Pilot's signature**:

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Engine Type		Vr	
Horsepower		Vx	
Total Fuel		Vy	
Usable Fuel		Vne	
Preferred Fuel Type		Vo	
Oil Type		Vfe	
Oil Quantity		Vs1	
Best Glide		Vso	

1. What is the indication of an appropriate oil level?

2. What should you do if you notice a very low oil pressure reading in flight?

3. Describe the electrical system.

4. Does the Sling NGT have an Alternator or Generator? How many?

5. What are the indications if the Alternator or Generator fails?

6. How would a runaway Alternator or Generator be indicated on the display? What actions would be taken to mitigate this problem?

7. How many volts does the Alternator or Generator produce? Is it normal to see a system discharge after starting?

8. What is the procedure for ensuring the alternator(s) charging?

9. Will the engine continue to run with the master switch turned off?

10. Describe the PFD and what indications are presented.

11. Describe the fuel system.

12. What is an important consideration/limitation for the pilot to know concerning sustained side slips with respect to the fuel tanks?

13. What is an important consideration when filling the tanks? What should you do to get an accurate fuel level reading by looking into the tanks?

14. Is the aircraft fuel injected or carbureted?

15. How many fuel pumps does the Sling NGT have? What type of fuel pump?

16. When should an electrical fuel pump be used?

17. How many fuel sumps/drains are there and where are they located?

18. In the case of low fuel pressure, what symptoms could the pilot notice from the engine, and how would this be corrected?

19. During a runup, should the RPM drop much when cycling the CPU's?

20. While flying, the pilot notices the red light for the LN B is illuminated. What does this mean, and what actions should be taken?

21. Is there any difference in procedure for a cold start versus a warm start?

22. Is there a vacuum system?

23. Describe the landing gear system.

24. What type of braking system is used by the Sling NGT?

25. Where is/are the static source(s) on the Sling NGT located?

26. Is the Sling NGT approved for IFR flight? Known Icing?

27. Is this aircraft approved for spins?

28. How many flap settings does the Sling NGT have? When are they used?

29. Are flaps used for normal takeoffs?

30. When flying solo, what seat must the pilot sit in? Why?

GLASS COCKPIT AVIATION

31. What is the Sling NGT useful load?

32. Perform a weight and balance for yourself and another 180lb passenger with 25 gals fuel and 25 lbs baggage

33. Do the ignition and fuel system require power to operate?

34. While flying along, the engine surges once then promptly stops producing power, what is your first guess to what the problem is, or is related to?

35. What are important airspeeds to remember for engine failure/restart procedures?

36. Draw and label the runway(s), tower, and typical traffic pattern for the Boise Airport or the airport you are soloing at:

37. List the actions you take in the case of an engine failure:

38. Review emergency procedures with CFI.

39. List the steps you would take to properly open the hangar door.

40. List the steps you would take to put away your aircraft and secure the hangar door.

All the above items have been satisfactorily reviewed and discussed to Private Pilot ACS standards.

Instructor's signature: **Pilot's signature**:

x x

Date:_____ Date:_____