

Pitts 260AB

1. What type of engine does the Pitts S2B have?
2. The engine on the Pitts S2B has a horsepower rating of.
 - A. 300
 - B. 260
 - C. 235
 - D. None of the above
3. The standard fuselage tank has a total capacity of _____ gallons and _____ gallons usable.
4. The wing tank can be used during aerobatic flight.
 - A. true
 - B. false
5. What is the minimum amount of fuel that can be used during low altitude aerobatics?
6. The maximum certified takeoff weight during aerobatic operations is _____?
7. Pitts 260AB's never exceed speed is.
 - A. 184 KTS
 - B. 200 MPH
 - C. 190 KTS
8. The flight load factor limits for the Pitts S2B are + _____ and - _____ G's for aerobatic category.

9. What is the total amount of fuel that the wing tank holds?
10. List the entry speeds for the following inside maneuvers.
- | | <u>Maximum</u> | <u>Minimum</u> |
|------------------|----------------|----------------|
| - Loop(up) | | |
| - Slow roll | | |
| - Barrel roll | | |
| - Snap roll | | |
| - Hammer head | | |
| - Lazy eight | | |
| - Chandelle | | |
| - Stalls & Spins | | |
11. What are V_y and V_x during an enroute climb?
12. What is the maximum demonstrated crosswind velocity?
13. The demonstrated inverted flight time is?
- 30 sec
 - 3 min
 - 6 min
14. While performing the before takeoff checklist, what RPM setting do you cycle the propeller.
15. The throttle should be set at _____ RPM during the magneto check.
16. Cruise throttle setting should be set at _____ inches of MP and the prop should be set at _____ RPM.
- 23 inches, 2300 RPM
 - 20 inches, 2400 RPM
 - 22 inches, 2350 RPM

17. Explain the construction of the airframe.

18. The elevator and ailerons are controlled through the use of cables.
 - A. True
 - B. False

19. When moving the trim handle down, it will give you nose_____ trim.

20. Moving the Pitts by hand is most easily accomplished by using the _____ for push points.

21. Is baggage allowed in the baggage area during aerobatics?

22. Explain the type of propeller that is on the Pitts S2B.

23. What type of electrical system is included on the Pitts?

24. Maneuvering speed for the Pitts is what?

25. Why is it important to have the cowl flaps open during aerobatic maneuvers?

26. The maximum weight in the baggage compartment is _____ pounds.

27. What is the load limits for normal category operations?

28. When depressing the rudder pedals, a spring loading steering bungee turns the tail wheel approximately how many degrees?
29. Is the brake master cylinder located on the front or rear rudder pedals?
30. While taxiing, what should you do to enable yourself to see ahead of you?
31. The canopy can never be opened while the engine is running.
A. True
B. False
32. Why is it important to remove any loose items from your pockets before any flight?
33. Acceleration due to gravity is referred to as a _____.