

N5547Y – 1992 TB10 Pre-Checkout Test

1. Fuel

- a. What is the Total Fuel capacity?
- b. What is the Total Usable Fuel?
- c. What is the allowable Fuel pressure range?

2. Oil

- a. What is the Total Oil Capacity?
- b. How much Oil is in the Sump?
- c. What is the maximum oil consumption rate?
- d. Do not operate aircraft if the amount of oil is less than?
- e. What is the allowable Oil pressure range?
- f. What is the maximum Oil Temperature allowed?
- g. After 30 seconds if there is no Oil Pressure, what is the recommended procedure?
- h. What is the maximum engine R.P.M. if the oil temperature indicator pointer is the within the yellow?

3. Weight

- a. Maximum Takeoff weight?
- b. Maximum Landing weight?
- c. Maximum baggage weight?

4. Engine

- a. What is the Maximum RPM?
- b. What is the Maximum Cylinder Head Temperature?
- c. What is the Normal Tachometer range?
- d. What is the Normal Vacuum range?

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5. Spins are allowed for flight training (True/False)?

6. What is the procedure for recovering from a Spin?
 - a.
 - b.
 - c.
 - d.
 - e.

7. Aerobatics (in the normal category) are acceptable (True/False)?

8. Flight into known Icing Conditions is allowed (True/False)?

9. How much fuel is required for training maneuvers requiring steep nose down attitude?

10. When performing slips which tank should be selected?

11. In case of Propeller Governor Failure, what caution needs to be taken when using power?

12. In case of Engine Fire, one attempt to restart the engine is allowed (True/False)?

13. What is the normal range for Volts?

14. What precaution is required if aircraft is operating outside the Normal Range of Volts?

15. From the POH, what items are required in step 13 of the aircraft preflight?

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16. From the POH, what precaution is required for the Doors before starting the engine?
17. What is the “Handle” shown on page 7.12A used for?
18. What R.P.M. range is required when shutting-down the engine?
19. What damage can occur if the R.P.M. setting is not followed when shutting-down the engine?
20. What is the recommended Tire Pressure:
 - a. Front Tire?
 - b. Main Tire?
21. What precaution needs to be taken, with the doors, in windy or gusty conditions?
22. What products are acceptable for cleaning the windshield and windows?
23. V-Speeds
 - a. V_x -
 - b. V_y -
 - c. V_{no} -
 - d. V_{ne} -
 - e. V_a
 - f. V_{fe} -
 - g. V_{s0} -
 - h. V_{s1} -
24. What is the allowable range of airspeeds when flaps are extended?
25. What is the allowable range of airspeeds when flaps are retracted?

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26. What is the recommended speed for Short Final?
27. What is the Maximum demonstrated crosswind?
28. What is the Best Glide speed?
29. What airspeed is required for safe operation for engine failure after takeoff?
30. What is the procedure for Flight into Known Icing conditions?
 - a.
 - b.
 - c.
 - d.
 - e.
31. What is the procedure for Engine Failure in Flight?
 - a.
 - b.
 - c.
 - d.
 - e.
32. If icing conditions exist?
33. Procedure if Engine did not start from steps listed above?
 - a.

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b.

c.

d.

34. Procedure if landing without engine power?

a.

b.

c.

d.

e.

f.

35. What is the procedure for Engine Fire in Flight?

a.

b.

c.

d.

e.

f.

g.

h.

36. Explain the starting procedures?

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37. Explain the preflight procedures for the S TEC 50?