**PT-17 Stearman N27933 Test Answers**

1. What engine is in the Stearman?
   1. W670-6A Continental 670
2. What is the HP ?
   1. 220 HP @ 2075 RPM
3. What is the Max TOGW?
   1. 2950 lbs
4. What is the total fuel?
   1. 46 gallons
5. What is the total oil?
   1. 4.4 gallons
6. What is the oil pressure range
   1. 60-90 psi
7. What is the oil temp range
   1. 40 – 90 deg (70 desired)
8. What is the mag check rpm? (avoid what rpm?)
   1. 1500 rpm (avoid 1500 – 1750 rpm)
9. What is best glide/climb speed?
   1. 70 mph
10. What is Vne? Vso?
    1. Vne 186 mph / Vso 55 mph
11. What is the empty weight?
    1. 2119 pounds
12. What is the max TOW?
    1. 2950 pounds
13. When briefing a passenger, what should they avoid grabbing?
    1. Do not grab the windshield!
14. When refueling, where should you place your feet?
    1. Place as far back, and pointed outward on the Fwd cockpit rail.

Emergency

**Engine Failure – Take off – On Ground**

1. Throttle CLOSED
2. Ignition Switch OFF
3. Brakes AS NEEDED

**Engine Failure – Take Off – Airborne**

1. Throttle CLOSED
2. Ignition Switch OFF
3. Airspeed 75 mph
4. Fuel oFF

***Land Straight Ahead, Do Not Turn Back***

**Engine Fire – Starting**

1. Starter CONTINUE CRANKING
2. Engine Starts – TAXI AWAY FROM FIRE --------------OR FUEL ON THE GROUND
3. Engine Does Not Start

Fire Continues EXIT AIRCRAFT

**Landing with Flat Tire**

1. Airspeed - FULL STALL TOUCHDOWN