

**Wrong Bros. Flight Training Wing**  
**PA28-161 Test**

Pilot: \_\_\_\_\_

Date: \_\_\_\_\_

1. Total fuel capacity for the PA28-161 is \_\_\_gallons with \_\_\_gallons of useable fuel.  
a. 50, 49    b. 52, 46    c. 42, 40    d. 50, 48    e. 50, 47
2. The PA28-161 has optional toe brakes on the pilot's side, the standard hand lever and parking brake system, and no toe brakes on the co-pilot side.  
a. True                      b. False
3. What is the engine horsepower of the Warrior?  
a. 150    b. 151    c. 160    d. 161
4. The following trip can be made safely without a fuel stop: a 350 nautical mile, night VFR trip, at Maximum Gross Wt; Departure Airport Pressure Altitude 2000; Temp 30°C; Cruise Pressure Altitude 8000'; Cruise Power 2400 RPM; Average Wind Component 10 KTS Headwind; wheel fairings are not installed; max useable fuel onboard, standard tanks.  
a. True                      b. False
5. What is the best glide speed for the PA28-161? (KIAS)  
a. 73    b. 77    c. 80    d. 85    e. 90
6. There are two fuel tanks that are located in the wings. If each side is filled to the "tabs," there is approximately 36 gallons with 35 gallons of fuel useable.  
a. True                      b. False
7. Select the positions for the fuel tank selector:  
a. Left, Right, Off    b. Off, Left, Right, Both    c. On, Off    d. Off, On, Both
8. Select the maximum flap extension speed (KIAS).  
a. 95    b. 90    c. 100    d. 103    e. 110
9. Select the maximum demonstrated crosswind component (KIAS).  
a. 12    b. 15    c. 17    d. 20    e. 14
10. What is the method of detecting induction/carburetor ice?  
a. Decrease in airspeed    b. Reduction in RPM    c. Reduction in Manifold Pressure
11. The oil capacity of the engine is \_\_\_quarts, and the minimum safe quantity is \_\_\_quarts.  
a. 8, 6    b. 8, 7    c. 8, 2    d. 10, 4
12. What is the maximum gross takeoff weight (lbs)?  
a. 1950    b. 2200    c. 2325    d. 2400
13. What is the maximum permissible weight in lbs., in the baggage compartment?  
a. 120    b. 200    c. 180    d. 150    e. 40
14. In order to keep the airplane in best lateral trim during cruising flight, the fuel should be used alternately from each tank. It is recommended that one tank be used for one hour after take-off, and then the other tank be used for two hours, then return to the fullest tank, which will have approximately one and one half hours of fuel remaining if the tanks



**Wrong Bros. Flight Training Wing**  
**PA28-161 Test**

27. To remain below the Class "C" airspace at the Lillian Bridge, West bound, what is your Max ALT.  
a. 1,200ft    b. 1,400ft    c. Unlimited    d. 500ft
28. When departing RW18 at 82J, what is the procedure for departing to the West.  
a. Turn West at 300ft            b. Depart from the left downwind at 500ft
29. What is the CTAF freq. at 82J.  
a. 118.6 MHz    b. 120.65mhz    c. 122.8mhz    d. 122.2mhz
30. When departing to the West from 82J you should remain North of HW98 until the Lillian Bridge and when returning from the West you should remain South of HW98.  
a. True            b. False

Corrected by: \_\_\_\_\_  
Name of CFI

\_\_\_\_\_ Date