



PRINCETON FLYING SCHOOL AIRPLANE CHECKOUT SHEET

Pilot _____ Date _____

Instructor _____

Airplane Type _____ N _____

<p style="text-align: center;">SPEEDS (kts)</p> <p>V_{so} _____ V_{si} _____ V_x _____ V_y _____ V_{fe} _____ V_a _____ V_{no} _____ V_{ne} _____ V_r _____ V_{le} _____ V_{lo} _____ V_{sse} _____ V_{xse} _____ V_{yse} _____ V_{mc} _____</p> <p>Best Glide _____ Climb Speed (takeoff) _____ (Enroute) _____ Approach Speed (Flaps up) _____ (Flaps Down) _____ Demo X-Wind _____</p>	<p style="text-align: center;">SYSTEMS</p> <p>Total Fuel (Left) ____ Gal. (Right) ____ Gal. Usable Fuel (left) ____ Gal. (Right) ____ Gal. Number of Fuel Pumps ____ Engine Model _____ Carb or Injected _____ B.H.P. _____ @R.P. Battery ____ Volts. Alternator ____ Amps. Describe the propeller _____ _____ Describe the emergency gear extension procedures: _____ _____</p>
<p style="text-align: center;">POWER SETTINGS</p> <p>Take off Power _____ rpm _____ mp (if applicable) Climb (Enroute) _____ rpm _____ mp (if applicable) Cruise _____ rpm _____ mp (if applicable)</p>	<p style="text-align: center;">PERFORMANCE</p> <p>Calculate the maximum endurance: Gross Weight, Standard Temp., Lean Mixture, 6000' _____ hp Calculate the ground roll distances for short field takeoff and landing: Gross weight 4000' pressure alt., 95°F, Wind calm. Takeoff _____ ft. Landing _____ ft.</p>
<p style="text-align: center;">WEIGHT AND BALANCE</p> <p>Max. Takeoff Weight _____ lbs. Basic Empty Weight _____ lbs. Max Useful Load _____ lbs.</p> <p>Calculate the following weight and balance: Full Fuel, all seats occupied (180lbs. each) 50 lbs. luggage. Total Weight _____ C.G. _____ Does the airplane fall within the envelope? Y N</p>	<p style="text-align: center;">IN FLIGHT MANEUVERS</p> <p style="text-align: center;"><i>Aircraft familiarization, Slow Flight, Power On & Off Stalls & Recoveries, Steep Turns, Emergency Procedures, Go-Around, Takeoffs & Landings.</i></p>

I certify that the above applicant has completed the ground and flight checkout and is competent to rent the aircraft.

Signed: _____