



## Aircraft Checkout Form (Retractable Gear)

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

**Aircraft make/model:** \_\_\_\_\_

**Type/grade oil:** \_\_\_\_\_ **Max level:** \_\_\_\_\_ **Min level:** \_\_\_\_\_

**Type/grade fuel:** \_\_\_\_\_ **Total fuel quantity:** \_\_\_\_\_

**Usable fuel quantity:** \_\_\_\_\_

**Location and use of fuel drains:** \_\_\_\_\_

**Describe the cold start procedure:** \_\_\_\_\_

**Describe the hot start procedure:** \_\_\_\_\_

**Describe the flooded start procedure:** \_\_\_\_\_

**Describe the run-up procedure if one of the magneto checks run rough/or more than an acceptable drop in RPM:** \_\_\_\_\_

**Vr:** \_\_\_\_\_ **Vx:** \_\_\_\_\_ **Vy:** \_\_\_\_\_

**Max performance takeoff, sea level, 20C:**

**Ground roll distance:** \_\_\_\_\_ **50' obstacle distance:** \_\_\_\_\_

**Max performance takeoff, 6000' 10C:**

**Ground roll distance:** \_\_\_\_\_ **50' obstacle distance:** \_\_\_\_\_

**What power setting will produce 75% power at 4500' STD temp:**

**RPM:** \_\_\_\_\_ **Fuel burn:** \_\_\_\_\_ **TAS:** \_\_\_\_\_

**What power setting will produce 55% power at 10,500' STD temp:**

**RPM:** \_\_\_\_\_ **Fuel burn:** \_\_\_\_\_ **TAS:** \_\_\_\_\_

**What is the procedure for leaning in cruise flight?** \_\_\_\_\_

**Approach speed: Flaps down:** \_\_\_\_\_ **Flaps up:** \_\_\_\_\_

**Max demonstrated x-wind component:** \_\_\_\_\_

**Short field landing, 500" elevation 20C:**

**Roll distance:** \_\_\_\_\_ **50' obstacle distance:** \_\_\_\_\_

**Short field landing, 6000" elevation 20C:**

**Roll distance:** \_\_\_\_\_ **50' obstacle distance:** \_\_\_\_\_

**Go around procedure:** \_\_\_\_\_

**How are the flaps extended:** \_\_\_\_\_

**Vs:** \_\_\_\_\_ **Vso:** \_\_\_\_\_ **Vne:** \_\_\_\_\_ **Vno:** \_\_\_\_\_

**Vfe:** \_\_\_\_\_ **Va:** \_\_\_\_\_ **Vg:** \_\_\_\_\_ **Vlo:** \_\_\_\_\_ **Vle:** \_\_\_\_\_

**How does Va change in relation to aircraft weight?** \_\_\_\_\_

**Glide distance per 1000' of altitude:** \_\_\_\_\_

**Alternate static source location:** \_\_\_\_\_

**Emergency freq/xpdr code:** \_\_\_\_\_ **Lost communications xpdr code:** \_\_\_\_\_

**Engine make, model and horse power:** \_\_\_\_\_

**Propeller type and make:** \_\_\_\_\_

**How do you detect induction ice?** \_\_\_\_\_

**What is the corrective action for induction ice?** \_\_\_\_\_

**Electrical system type, voltage:** \_\_\_\_\_

**What are the indications of an alternator failure?** \_\_\_\_\_

**What is the alternator failure checklist?** \_\_\_\_\_

**How is a vacuum pump failure detected and what instruments are affected?**

**What is the in-flight engine failure checklist?** \_\_\_\_\_

**What is the fire during start checklist:** \_\_\_\_\_

**What is the fire in-flight checklist?** \_\_\_\_\_

**Describe the landing gear system?** \_\_\_\_\_

**What is considered a unsafe gear indication?** \_\_\_\_\_

**What is the emergency gear extension checklist?** \_\_\_\_\_

**What is the corrective action for a prop over speed condition?**

**Are you as the PIC allowed to put air in the tires?** \_\_\_\_\_

**Nose tire PSI:** \_\_\_\_\_ **Main tire PSI:** \_\_\_\_\_

**Is this aircraft allowed to fly in to Mexico?** \_\_\_\_\_

**Are you allowed to land this aircraft on soft, unimproved runways?** \_\_\_\_\_

**Attach a weight and balance sheet for a flight with you as the pilot, full fuel, one 180lbs passenger, one 130lbs passenger and 50lbs of baggage.**

*I certify that I have given this pilot a checkout and that he/she is authorized to fly this aircraft for SOLO / PIC flights in accordance with  VFR /  IFR conditions.*

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

CFI Name: \_\_\_\_\_ Signature: \_\_\_\_\_