



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: _____