



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

Aircraft Make/Model: \_\_\_\_\_

Certifying Instructor: \_\_\_\_\_

### Aircraft Checkout Form (Fixed Gear)

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

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

Location and use of fuel drains/sumps:

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:

Max. performance takeoff, sea level, 20°C (Max. gross weight, no wind):

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

Max. performance takeoff, 6,000' 10°C (Max. gross weight, no wind):

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

What power setting will produce 75% power at 4,500' STD temp:

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

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

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

Procedure for leaning in cruise flight:

Best Economy – \_\_\_\_\_

Best Power – \_\_\_\_\_

Approach speeds:

Flaps down: \_\_\_\_\_ Flaps up: \_\_\_\_\_

Max. demonstrated crosswind component: \_\_\_\_\_

Short field landing, 500' elevation 20°C (Max. gross weight, no wind):

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

Short field landing, 6,000' elevation 20°C (Max. gross weight, no wind):

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

Go-around procedure:

How are the flaps extended?

Speeds:

Rotation Speed Vr: \_\_\_\_\_ Vx: \_\_\_\_\_ Vy: \_\_\_\_\_

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

Vfe: \_\_\_\_\_ Va: \_\_\_\_\_ Best Glide: \_\_\_\_\_

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

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

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

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

### Systems

Engine make, model and Horse Power: \_\_\_\_\_

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

How do you detect carburetor or induction ice?

What is the corrective action for carburetor ice?

Electrical system type, voltage:

Indications of an alternator failure:

Alternator failure checklist:

How is a vacuum pump failure detected? What instruments are affected?

In-flight engine failure checklist:

Fire during start checklist:

Fire in-flight checklist:

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

Are you as the PIC allowed to put air in the tires? YES / NO

Is this aircraft allowed to fly in to Mexico? YES / NO

Solo within an hour of sunset? YES / NO

Touch and goes solo? YES / NO

I have reviewed the LTFSD Procedures guide? YES / NO

### **Weight & Balance**

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 they are authorized to fly this aircraft for SOLO / PIC flights in accordance with  VFR /  IFR conditions.*

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

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

Signature: \_\_\_\_\_