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Initial Checkout for New Renter (non-LSA):

Ground Discussion

Preflight Preparation

- ☐ Review currency requirements for SMA rental and passenger-carrying
- ☐ Review preflight planning requirements
  - Weather
  - Weight and balance
  - NOTAMs and TFRs
  - Performance information
- ☐ Review dispatch procedures and PIC responsibilities for airworthiness

General Review of Pilot Knowledge

- ☐ Discuss sectional and AFD
  - Review P67, wildlife areas, and general minimum altitudes
  - Discuss flight planning items
- ☐ Review airspace and communication requirements
- ☐ Review icing, fog, winter operations
- ☐ Review traffic pattern entries/exits at uncontrolled fields
- ☐ Review basic regulations
  - Flight currency for carrying passengers (day, night, TW)

General Review of Emergency Procedures

- ☐ Discuss engine fire, electrical fire, radio failure, engine failure
- ☐ Review systems and equipment malfunctions

Preflight Activities

- ☐ Review cockpit layout, instrumentation, and audio panel
- ☐ Discuss fuel sump locations
- ☐ Review parking brake, alternate static, carburetor heat, alternate induction air
- ☐ Review airplane etiquette information (door closing, seat adjustments, etc.)
- ☐ Review POH basics: speeds, performance

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Complete written quiz (using POH):

a. Perform weight and balance for a sample problem in this aircraft

b. What is a normal oil level for this airplane?

c. Give approximate values for the following speeds for this aircraft

Flap operation speed _____

Best glide speed _____

Typical takeoff climb speed _____

Maneuvering speed _____ What is the purpose of maneuvering speed?

d. Is takeoff normally accomplished with the fuel pump on? Carburetor heat on? Explain.

e. What is the maximum takeoff weight?

f. How much fuel must be on board for a given flight? Day VFR? Night? IFR?

g. When is carburetor icing likely? When should carburetor heat be used?

h. What is a typical fuel burn (or total time with full tanks) for this airplane in cruise? How much different might it be if the engine is full rich / properly leaned?

i. What would be a typical distance to take off and climb over a 50ft obstacle in this airplane if fully loaded on a 90F summer day?

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Flight Portion

- ☐ Taxiing and control deflection for wind
- ☐ Normal takeoff and climb
- ☐ Alertness for traffic visually and via radio
- ☐ Leaning procedures for cruise flight
- ☐ Steep turns (45 degree bank angle)
- ☐ Slow flight and review of stall awareness and stall speeds
- ☐ Review of power-off stalls and proper recovery procedures
- ☐ Normal approach and landing
- ☐ Go-around procedures
- ☐ Power-off landing
- ☐ Crosswind takeoffs and landings
- ☐ Short and soft-field operations
- ☐ Use of autopilot and GPS, if installed

Note that additional items should be covered for night checkout, IFR checkout, when combining a BFR with an initial checkout, or for tailwheel

If checkout is initially in an LSA model, please ALSO complete the LSA transition checkout document and attach.

Renter Name _____ Aircraft Type _____

Satisfactorily completed on _____ Instructor Signature _____

(CFI: Remember to sign off person in MyFBO)