



Pilot Name: _____ **Date:** _____ **Aircraft Type:** _____

Please arrive 20 minutes prior to appointment to fill out paperwork at the front desk.

Items to bring are: Passport/Birth certificate, Credit Card, Driver License, Pilot Certificate, Medical, current BFR

Please fill out this first page prior to arriving at the airport based on the information provided in the POH and bring all pages with you for the appointment. (POHs are available under Aircraft Rental at www.stpeteair.org or via email at info@stpeteair.org).

***NOT ALL PORTIONS OF THIS QUIZ ARE APPLICABLE TO ALL CHECKOUTS**

- Max gross takeoff weight _____
- Useful load _____
- W/B calculation (two pilots at 170lbs, full fuel, no bags) _____
- Take off distance at 20C at KDEN _____
- Landing distance at 15kt headwind at 30C at KSPG _____
- (Accelerate/Stop Distance (Baron BE55) _____
- Climb Performance / One Engine Inop (Baron BE55) _____
- Fuel Capacity _____
- Oil Capacity _____

- (Aircraft with retractable gear) Describe the emergency extension procedure (use back of page if required for answer).

- What type gear does this aircraft have? (hydraulic, electric, manual) _____
- What color is the brake fluid? _____
- What is the best glide speed? _____
- In what section of the POH can you find information on v-speeds? _____
- What is the service ceiling? _____
- How many fuel sumps would you check during the preflight inspection? _____
- What are the flap settings for a short field take off? _____
- Where in the POH can you get information on how the flaps are operated? _____
- What is the hot start procedure (if applicable)? _____
- Explain the steps you take if you have an engine fire _____



Prior to flight Checklist:

- Customer File
 - License
 - Medical
 - Rental agreement
 - Card authorization
- Renting after hours
 - Gate code
 - Aircraft keys
 - Drop box
- Pre-flight aircraft
 - Proper pre-flight technique
 - Checklist usage
 - Explain proper oil dip stick tightness

Flight Checkout Checklist:

- Aircraft starting procedures
 - Checklist usage
 - Verify proper system and engine indications
 - Verify oil pressure rise, voltage & RPM
- Radio and taxi procedures
 - Brake check
 - Safe taxiing procedures
 - KSPG layout
- Maneuvering aircraft on ramp
 - Proper run-up areas
 - Aware of their surroundings/other aircraft
 - Observe use of checklist during engine run-up
 - Proper aileron deflection during taxi for wind
- Take Off and departure procedures
 - Use of elevator pressure to relieve weight on nose wheel
 - Discuss typical directions of departure and turn out
 - Proper aileron deflection during takeoff for wind
- Four basic flight attitudes
 - Climb maintaining airspeed
 - Descend maintaining airspeed
 - Turns maintaining altitude
 - Straight and level flight
- Slow Flight performed to ACS
 - +/- 100' ALT
 - +/- 10 degrees heading
 - +/- 10kts A/S
 - Include turns to different headings
 - Climbs and descents to different altitudes
- Power Off Stalls Performed to ACS
 - +/- 10 degrees heading
 - Pilot can recover losing no more than 200ft
- Power On Stalls Performed to ACS
 - +/- 10 degrees heading
 - Pilot can recover losing no more than 200ft



- Steep Turns perform to ACS
 - +/- 10 degrees heading on roll out
 - +/- 100ft ALT
 - +/-10kts A/S
 - +/- 5 degrees bank angle
 - Pilot establishes heading and chooses land marks / visual references to perform maneuver
 - Pilot establishes 45 degree bank angle

Emergency Procedures Checklist:

- Unusual flight attitude
 - Proper recover techniques
- Engine failure during flight
 - Emergency engine failure during flight checklist from memory
 - Pilot can establish controlled descent at best glide speed
 - Suitable landing area selected
- Diverting procedures
 - Pilot can divert to an airport of the instructors choice
 - Properly identifies direction of airport (incl use of VOR's)
 - Frequencies for communicating
 - Pilot also can determine proper runway and pattern entry

GPS/Equipment Use:

- Have pilot find nearest airports
- Have pilot find comm frequencies on the GPS
- Pilot enters simple flight plan with one fix in-between airports

Landings Checklist: (at least 3 landings to be performed at KSPG)

- Landings Performed
 - Full flap/full stall landing
 - Short Approach (can lead to short field or soft field landing including go-around)
 - Soft field landings
 - Short field landing within 200ft of touch down point
 - No/partial flap landing
- Landing Requirements
 - All landings are done with proper flare at or near stall speed
 - Makes go-around decisions when the approach is not stabilized/unsure of landing
 - All landings are touched down in the first one third of the runway
 - Pilot performs proper cross wind technique
 - Pilot is familiar with gusty condition techniques
 - After landing checklist

Eligible Aircraft: Cub 172 172 G1000 182 G1000 Archer Arrow Saratoga Baron SR20 DA40 SR22

Instructor Signature: _____ Date: _____

Pilot Signature: _____ Date: _____