

Shannon School of Aeronautics Stage 1 Checklist

Student: _____ **Date:** _____

FAA Required Documents / Training:

- ☐ Medical Certificate (# _____)
- ☐ Student Pilot Certificate (# _____)
- ☐ Logbook w/ appropriate endorsements
- ☐ SFRA Training Certificate (# _____)

Administrative Requirements:

- ☐ Customer Code of Conduct Signed
- ☐ Renter's Insurance Acquired
- ☐ Renter's Agreement signed
- ☐ Aircraft Quiz Completed and Deficiencies Reviewed
- ☐ SOP Quiz Completed and Deficiencies Reviewed
- ☐ Student File Complete
- ☐ Stage 1 Check Complete

Stage 1 Check Rubric:

- ☐ The stage 1 check will be conducted in two parts, an oral assessment and a flight assessment. Applicant should schedule a ground (1.5hrs) and a flight (3hrs) with the check instructor. They can be scheduled consecutively or separately
- ☐ Applicant should have a completed preflight checklist and be prepared to discuss included elements including inoperative equipment.
- ☐ Applicant should have a totaled and tabbed logbook with all required endorsements completed
- ☐ Applicant should have all required resources to compute weight and balance, Takeoff and landing performance, etc.
- ☐ Applicant should have on their person all required documents to operate an aircraft in solo flight.

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Areas of Emphasis:

- ☐ All knowledge areas listed in 61.87(d) (ASEL) (Or those applying to the appropriate Category / Class of aircraft to be flown) will be assessed in addition to topics listed below.
- ☐ Emergency procedures
- ☐ Preflight inspection of the aircraft
- ☐ Aircraft systems
- ☐ Regulations relevant to student pilot solo operations
- ☐ Local airspace to include the SFRA, and SUA
- ☐ Runway incursion / CFIT / LOC-I / Inadvertent IMC / ADM / Stall Spin Awareness
- ☐ Performance maneuvers
- ☐ TOD planning
- ☐ Lost procedures
- ☐ Rejected Takeoff
- ☐ Attitude flying
- ☐ Engine failure in the pattern to a full stop landing
- ☐ Unusual attitude recovery
- ☐ Trim usage

Endorsements:

- ☐ (A.14) (49 CFR 1552.3(h)) Endorsement of U.S. citizenship (TSA Endorsement):
 - ☐ Passport (Valid) (#_____)
 - ☐ Birth Certificate / Driver's License (#_____) / (#_____)

- ☐ (A.3) (61.87(b)) Pre-Solo Aeronautical Knowledge Test Completed and Deficiencies reviewed:

- Knowledge of Applicable parts of part 61 and 91
- Airspace rules and procedures for the airport where the solo flight will be performed
- Flight characteristics and operational limitations for the make and model of aircraft to be flown

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☐ (A.4) (61.87(c)(1) & (2)) Pre-Solo Maneuvers and Procedures in M&M / Proficiency and Safety:

- Pre-Solo Maneuvers Required by 61.87(c)(1) - ASEL (61.87(d))
 - ☐ Preflight preparation including preflight planning, powerplant operation, A.C. systems
 - ☐ Surface operations including runups
 - ☐ TOLs normal and crosswind
 - ☐ S/L flight and level turns
 - ☐ Climbs and climbing turns
 - ☐ Traffic patterns including entry and exit procedures
 - ☐ Collision, windshear, wake turbulence avoidance
 - ☐ Descents w/ turns high and low drag configurations
 - ☐ Flight at various airspeeds
 - ☐ Stall entries from various flight attitudes, and power settings w/ recovery initiated at first indication and full stall
 - ☐ Emergency procedures and equipment malfunctions
 - ☐ Ground reference maneuvers
 - ☐ Approaches to landing area with simulated engine malfunctions
 - ☐ Slips to landings
 - ☐ Go-arounds

☐ (A.6) (61.87(n)) Solo Flight (First 90 Days)

Date: _____

Expiration: _____

Student Signature: _____ Date: _____

Instructor Signature: _____ Date: _____

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Check Ins. Signature: _____ Date: _____