

Aspen Flying Club

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Englewood, CO 80112
303-799-6794 (office)
www.aspenflyingclub.com

Pilot Name: _____ Referring Instructor: _____



PRE-SOLO STAGE CHECK

ALL student pilots at Aspen Flying Club must satisfactorily complete a stage check with the Chief Pilot or an authorized check instructor, prior to conducting their first solo flight. This stage check form must be completed by the check instructor and a copy must be kept on file at Aspen Flying Club.

Items to bring to the Pre-solo Stage Check:

- ☐ Student Pilot Certificate and Current Medical Certificate
- ☐ Government Issued Photo ID
- ☐ Citizenship or TSA information on file
- ☐ TSA logbook endorsement by flight instructor
- ☐ Logbook – Flight Maneuvers logged per 61.87(d)(1-15)
- ☐ Current FAR/AIM
- ☐ Pilots Operating Handbook
- ☐ Practical Test Standards
- ☐ Aircraft Checkout Quiz (graded and corrected to 100%)
- ☐ Pre-solo Written Test (graded and corrected to 100%)
- ☐ Emergency Procedure Memorization sheet (complete)
- ☐ Take-off and Landing Data Sheet

§61.87 Solo requirements for student pilots.

- (d) *Maneuvers and procedures for pre-solo flight training in a single-engine airplane.* A student pilot who is receiving training for a single-engine airplane rating or privileges must receive and log flight training for the following maneuvers and procedures:

1. Proper flight preparation procedures, including preflight planning and preparation, powerplant operation, and aircraft systems;
2. Taxiing or surface operations, including run-ups;
3. Takeoffs and landings, including normal and crosswind;
4. Straight and level flight, and turns in both directions;
5. Climbs and climbing turns;
6. Airport traffic patterns, including entry and departure procedures;
7. Collision avoidance, windshear avoidance, and wake turbulence avoidance;
8. Descents, with and without turns, using high and low drag configurations;
9. Flight at various airspeeds from cruise to slow flight;
10. Stall entries from various flight attitudes and power combinations with recovery initiated at the first indication of a stall, and recovery from a full stall;
11. Emergency procedures and equipment malfunctions;
12. Ground reference maneuvers;
13. Approaches to a landing area with simulated engine malfunctions;
14. Slips to a landing; and
15. Go-arounds.

Ground Portion

| Item | S | U | Remarks |
|---|---|---|---------|
| Documents and Regulations 1) Pilot and Aircraft Documents 2) 61.89, 91.3, 91.13, 91.103, 91.113, 91.119, 91.155, 91.205, 91.213 | | | |
| Airspace (VFR Weather, Equipment, Procedures) 1) KAPA 2) Bravo Avoidance 3) TAC (local area familiarity) | | | |
| Airport Operations 1) Signs & Markings 2) Airport Diagram 3) Runway Incursion Avoidance | | | |
| Aircraft Systems 1) Powerplant & Ignition 2) Fuel & oil 3) Electrical | | | |
| Flight Instruments 1) Pitot-Static vs. Gyro 2) Airspeeds (V_X , V_Y , V_A , V_{FE} , Best glide) | | | |
| Emergencies & System Failures 1) Engine Failure 2) Radio Failure 3) Electrical Failure 4) Engine Fires | | | |
| Aerodynamics 1) Lift 2) Drag 3) Stall & Spin Awareness | | | |
| Performance 1) Weight & Balance 2) Takeoff & Landing Distance 3) Density Altitude Effects | | | |
| Weather 1) METAR and TAF 2) Crosswind and Windshear Considerations 3) Seasonal Considerations 4) AFC Student Limitations | | | |
| IMSAFE Checklist | | | |
| Notes | | | |

Flight Portion

| Item | U | S | Remarks |
|---|--------|---|---------|
| Pre-Flight Inspection | | | |
| Engine Starting | | | |
| Taxiing/ Surface Operations/ Run-Up | | | |
| Before Takeoff Checks | | | |
| Normal and Crosswind Takeoff & Climb | | | |
| Collision Avoidance Precautions | | | |
| Steep Turns (Not Required) | | | |
| Slow Flight | | | |
| Power-Off Stall and Recovery | | | |
| Power-On Stall and Recovery | | | |
| Emergency Approach and Landing | | | |
| S-Turns & Turns Around a Point | | | |
| Traffic Pattern Operations | | | |
| Normal and Crosswind Approach & Landing | | | |
| Go-Arounds | | | |
| Slips to a Landing | | | |
| Radio Communications | | | |
| Checklist Usage | | | |
| Post Flight Procedures | | | |
| Overall Performance: | Notes: | | |
| | | | |

Check Pilot Signature: _____

Date: _____

Member Signature: _____

Date: _____