



Stage Check Forms

Student Pilot-Pre-Solo ASEL

Member Name:	Recommending CFI:
Date:	Stage Check CFI:

Please find a suitable briefing space and be prepared to begin on time.

Please bring this paperwork and the items listed below to your stage check.

Complete the following tasks prior to your Stage Check:

- Verify §61.83 – Applicant meets the eligibility requirements
- Verify §61.87(b) – Applicant has received and logged the required ground training and passed the required knowledge test.
- Verify §61.87(c);(d) – Applicant has logged required training and demonstrated required flight proficiency.
- Verify knowledge test of 61.87(b) has been reviewed and corrected to 100% by applicant’s CFI.
- Verify a/c checkout quiz has been reviewed and corrected to 100% by applicant’s CFI.

ACCEPTABLE AIRCRAFT

- Maintenance Records (AV1ATE)
- A/C Documents (AROW or ARROW)
- Approved FAA POH (or substitute if approved by Evaluator)

PERSONAL EQUIPMENT

- View-Limiting Device
- Completed FAA 7233-1 Flight Plan Form or electronic equivalent
- Completed flight logs or electronic equivalent
- Computer and plotter or electronic equivalent
- Current Aeronautical Charts or electronic equivalent
- Current Chart Supplement or electronic equivalent
- Appropriate publications or electronic equivalent
- Backup charging source and backup charts if using EFB

PERSONAL RECORDS

- Government issued ID (name matches IACRA)
- Pilot certificate (signed on back)
- Current Medical Certificate or BasicMed Qualification
- Pilot Logbook with Instructor Endorsements

Plan the following flight scenario:

Please prepare for your Pre-solo Stage Check by preparing for the flight as if you are going solo. The evaluator is present to evaluate your performance. While your evaluator will provide instruction if needed and ensure the safe outcome of the flight, it is your job to achieve the training objectives. Excessive instruction will result in an incomplete stage check due to time constraints.

Please plan a local flight as if you are going on a local, solo flight. Calculate weight and balance, takeoff, landing and climb performance for yourself under current meteorological conditions.



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SUBJECT AREA	S	U	EVALUATOR REMARKS
I. Preflight Preparation			
Evaluator will provide scenario(s) to test for the following ACS required items:			
Task A. PILOT QUALIFICATIONS (15 Minutes) 1. What pilot documents must you have in your possession or readily accessible when acting as PIC? 2. Explain 14 CFR Part 91.3 3. What class of medical certificate is required to act as PIC while exercising the privileges of a student pilot? How long is your certificate valid? 4. Explains BasicMed privileges and limitations if appropriate. 5. When can a Student Pilot log PIC time? 6. When can you log night time? Night landings? 7. When can you log cross-country time? 8. What privileges and limitations apply to solo Student Pilots? 9. What is the duration of a solo endorsement? 10. What are your personal minimums, CFI minimums, AFC minimums, FAR minimums? 11. Explain is ADM/RM? 12. How does flying unfamiliar aircraft or aircraft with unfamiliar avionics adversely affect safety?			Knowledge:
			Risk Management:
			Skills:
Task B. AIRWORTHINESS REQUIREMENTS (10 Minutes) 1. What a/c documents are required to be in the a/c during operation? 2. Who is responsible for maintaining an a/c in an airworthy condition? 3. Who responsible for determining that the a/c is airworthy? 4. Equipment requirements day – What pilot action is required if inoperative equipment is discovered prior to flight? During flight?			Knowledge:
			Risk Management:
			Skills:
Task C. WEATHER INFORMATION (10 Minutes) 1. What FAA facility is considered the primary source of Aviation Weather Briefings? 2. Student demonstrates use of aviation wx sources to make an appropriate go/no-go decision. 3. Explains recognition and considerations for LLWS, Micro-bursts, Wake Turbulence. 4. Explains recognition of seasonal wx considerations including icing and high density altitudes.			Knowledge:
			Risk Management:
			Skills:
Task D. LOCAL AREA CONSIDERATIONS (5 Minutes) 1. Explains practice area procedures and considerations 2. Explains emergency considerations: 3. Loss of Communications for solo students 4. Explains Denver Class B airspace avoidance procedures and considerations 5. Explains Centennial Class D airspace procedures and considerations			Knowledge:
			Risk Management:
			Skills:



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Task E. NATIONAL AIRSPACE SYSTEM (10 Minutes) 1. VFR Sectional Chart symbology and airspace general 2. VFR weather minimums and flying in particular classes of airspace. 3. Requirements for flying in special use airspace (SUA), and special flight rule areas (SFRA). 4. Properly identify airspace and operate accordingly with regards to communication and equipment requirements.		Knowledge:
		Risk Management:
		Skills:
Task F. PERFORMANCE AND LIMITATIONS (10 Minutes) 1. Compute Weight and Weight and balance for a solo flight scenario. 2. Evaluate t/o and landing data 3. Calculates a/c performance: climb rate after takeoff 4. What are the 4 forces acting on an airplane? 5. What are the two basic types of drag associated with flight 6. What causes an airplane to stall? To spin?		Knowledge:
		Risk Management:
		Skills:
Task G. OPERATION OF SYSTEMS (10 Minutes) 1. Explain the four strokes of the Otto cycle. 2. Why do aviation engines use magnetos instead of an automotive style ignition coil? 3. Discuss 2 aircraft systems, one CFI choice, one student choice.]. 4. Discuss system limitations.		Knowledge:
		Risk Management:
		Skills:
Task H. Human Factors (10 minutes) 1. What are your personal minimums, CFI minimums, AFC minimums, FAR minimums? 2. Explain is ADM/RM? 3. Explain SRM 4. How does flying unfamiliar aircraft or aircraft with unfamiliar avionics adversely affect safety? 5. Perform a self-assessment including whether the pilot is fit for flight. 6. Show sound decision-making and judgment (based on reality of circumstances). 7. Explain the difference between proficiency and currency? 8. How does flying unfamiliar aircraft or unfamiliar avionics affect safety of flight?		Knowledge:
		Risk Management:
		Skills:



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ADDITIONAL ORAL EXAM NOTES:

*any item found unsatisfactory must be documented *

ORAL EXAM STAGE CHECK PASS?

Stage Check Pilot Signature: _____

Oral Exam Date: _____

Yes

No



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FLIGHT EXAM

Maneuver	S	U	Remarks
II. Preflight Procedures			
Task A. Preflight Assessment Task B. Cockpit Management Task C. Engine Starting Task D. Taxiing Task F. Before Takeoff Check Task G. Use of airport diagram Task H. Pre-taxi briefing Task I. Flight deck management.			Knowledge:
			Risk Management:
			Skills:
IV. Airport Operations			
Task A. Normal Takeoff and Climb Task B. Normal Approach and Landing Task C. Forward Slip to a Landing Task D. Go-Around/Rejected Landing Task E. Crosswind technique and considerations Task F. Gusty winds/LLWS techniques and considerations Task G. Micro Burst/Wake Turbulence techniques and considerations. Task H. Traffic Patterns Task I. Communications			Knowledge:
			Risk Management:
			Skills:
V. Performance Maneuvers			
Task A. Steep Turns Task B. Ground Reference Maneuvers Task C. Maneuvering During Slow Flight Task D. Power-Off Stalls Task E. Power-On Stalls Task F. Spin Awareness			Knowledge:
			Risk Management:
			Skills:
IV. Navigation			
Task A. Pilotage to and from working area(s) Task B. Electronic Navigation Task C. Radar Services Task D. Lost Procedures			Knowledge:
			Risk Management:
			Skills:



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IX. Emergency Operations							
Task A. Emergency Descent Task B. Emergency Approach and Landing (<i>Simulated</i>) Task C. Systems and Equipment Malfunctions Task D. Emergency Equipment and Survival Gear			Knowledge:				
			Risk Management:				
			Skills:				
Xii. Postflight Procedures							
Task A. After Landing, Parking and Securing			Knowledge:				
			Risk Management:				
			Skills:				
FLIGHT EXAM NOTES: *any item found unsatisfactory must be documented*							
FLIGHT EXAM STAGE CHECK PASS? Stage Check Pilot Signature: _____ Oral Exam Date: _____			<table style="margin: auto;"> <tr> <td style="padding: 5px;">Yes</td> <td style="padding: 5px;">No</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </table>	Yes	No	<input type="checkbox"/>	<input type="checkbox"/>
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