



# Stage Check Forms

## Student Pilot-Cross Country

### 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, age 16, English language proficient.
- Verify §61.87 – Applicant has a current solo endorsement. Check limitations. Check it is in same make/model.
- Verify §61.93(a)(b)(c)(d)(e) – Applicant has received and logged required cross country ground and cross country flight training and demonstrated required flight proficiency.

#### ACCEPTABLE AIRCRAFT

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

#### PERSONAL EQUIPMENT

- View-Limiting Device
- Completed ICAO Flight Plan Form or electronic equivalent
- Completed flight logs or electronic equivalent
- Computer and plotter or electronic equivalent
- Current Aeronautical Charts or current electronic equivalent
- Current Chart Supplement or current electronic equivalent
- Backup to Electronic Flight Bag (EFB) (Paper charts, 2<sup>nd</sup> tablet or cell phone)
- Backup charging source and backup charts if using an 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, required ground training, required flight training. 61.93 (a) (b) and (E)

#### **Plan the following cross-country flight scenario:**

Scenario: Today is the day of your solo cross-country, you've been trying to get this flight done for weeks but the weather hasn't been cooperative. The stage check instructor may provide various weather scenarios.

Please plan a solo, cross-country flight from KUAO to KRBG keeping in mind the added pressures of trying to complete the flight. A strong understanding of ADM and personal minimums will help you adequately avoid the external pressures to fly when the safe outcome of the flight may be questionable.

Please prepare a flight plan and a weight and balance as if you're going solo on this flight. Also, please prepare all of the performance calculations and be prepared to tell the stage check instructor:

Using anticipated or actual atmospheric conditions, please calculate the following (using an American Flight Schools "TOLD/Airworthiness Sheet" is strongly recommended):

1. Takeoff distance.
2. Climb rate after takeoff
3. Time, fuel and distance to climb
4. Cruise speed and fuel burn
5. Landing distance



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## ORAL EXAM

SUBJECT AREA	S	U	EVALUATOR REMARKS
<p><b>Task A. PILOT QUALIFICATIONS (2 minutes)</b></p> <p>1. What documents must you have in your possession or readily accessible when acting as PIC?</p>			
<p><b>Task B. AIRWORTHINESS REQUIREMENTS (10 minutes)</b></p> <p>1. What a/c inspections are required to be documented for today's flight?</p> <p>2. Who is responsible for maintaining an a/c in an airworthy condition? Who is responsible for maintaining the aircraft in airworthy condition?</p> <p>3. Explain VFR equipment requirements for day and night.</p> <p>4. Explain what you will do if you find inoperative equipment both on the ground and in flight</p> <p style="margin-left: 20px;">-Required by 91.205</p> <p style="margin-left: 20px;">-Not required by 91.205</p> <p style="margin-left: 20px;">-Required by the manufacturer</p> <p style="margin-left: 20px;">-Not required by the manufacturer</p>			
<p><b>Task C. WEATHER INFORMATION (20 minutes)</b></p> <p>1. What is the purpose of the FSS?</p> <p>2. Demonstrates use of FAA standard weather briefing. Review and discuss each element of a standard weather briefing.</p> <p>3. How can you receive an Inflight Weather Briefing?.</p> <p>4. Checks all available information related to flight away from the airport (91.103).</p> <p>5. Under what conditions would you expect icing to occur?</p> <p>6. Can you take off with frost on the airplane?</p> <p>7. Microburst/Wake turbulence avoidance techniques</p> <p>8. Gusty winds/LLWS techniques and considerations</p> <p>9. Makes an appropriate go/no-go decision based on real-world weather scenario.</p>			
<p><b>Task D. CROSS-COUNTRY FLIGHT PLANNING (20 minutes)</b></p> <p>1. Is it legal to use an EFB? Why? (yes, AC-120-76D)</p> <p>2. Applicant presents acceptable VFR flight planning and Navigation Log.</p> <p>3. Route Planning Considerations</p> <p>4. VFR Sectional Chart symbology</p> <p>5. Appropriate selection of navigation systems/facilities and communication frequencies.</p> <p>6. Traffic patterns. Altitude, entry, exit, communications, right-of-way rules.</p> <p>7. Diversions – pick a diversion location. Student provides location information, traffic pattern entry, NOTAMS, and fuel/time required.</p>			



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8. Loss of communication procedures, light signals, etc.		
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<b>Task E. NATIONAL AIRSPACE SYSTEM (10 minutes)</b> 1. Identify types of airspace and associated requirements and weather minimums. 2. Charting symbology. 3. ADSB/Transponder requirements. 4. Requirements for flying in Special Use Airspace (SUA), and Special Flight Rules Area (SFRA). 5. Properly identify airspace and operate accordingly with regards to communication and equipment requirements.		
<b>Task F. PERFORMANCE AND LIMITATIONS (10 minutes)</b> 1. Compute weight and balance for a scenario. 2. Ensure aircraft remains within W&B for duration of flight. 3. Evaluate environmental conditions. 4. Evaluate takeoff and landing data. 5. Calculates aircraft performance: climb rates, TAS, groundspeed, fuel burn, descent planning, power-off glide distance, etc. 6. Calculates Heading, Time, Fuel, Distance under actual conditions 7. Recalculates fuel based on scenario provided by instructor		
<b>Task G. OPERATION OF SYSTEMS (5 minutes)</b> 1. Discuss leaning procedures 2. Discuss recognizing system malfunctions and failures Discuss abnormal and emergency procedures		
<b>Task H. HUMAN FACTORS (5 minutes)</b> 1. Perform a self-assessment including whether the pilot is fit for flight. 2. Explain the difference between proficiency and currency? 3. What are your personal minimums? (weather, runways – length/width vs performance data, IMSAFE, recency) 4. Proficiency vs Currency		



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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
<b>Preflight Procedures</b>			
Task A. Preflight Assessment Task B. Cockpit Management Task C. Engine Starting Task D. Use of Airport Diagram (Hot Spot Identification) Task E. Communications – ATIS/Radio Usage Task F. Taxiing Task G. Before Takeoff Check (Runup) Task H. Pre-take Off Briefing Task I. Flight Deck Management	<input type="checkbox"/>          	<input type="checkbox"/>          	
<b>Airport Operations</b>			
Task A. Normal Takeoff and Climb Task B. Normal Approach and Landing Task C. Traffic Patterns Task D. Soft-Field Approach and Landing Task E. Soft-Field Takeoff and Climb Task F. Short-Field Takeoff and Maximum Performance Climb Task G. Short-Field Approach and Landing to STOP. Task H. Forward Slip to a Landing/No Flaps Task I. Go-Around/Rejected Landing Task J. Crosswind Takeoff and Landings Task K. Communications and Loss of Communications	<input type="checkbox"/>          	<input type="checkbox"/>          	
<b>Navigation</b>			
Task A. Collision Avoidance Task B. Pilotage and Dead Reckoning Task C. Navigation Systems Task D. Radar Services – VFR Flight Following Task E. Diversion Task F. Lost Procedures (Climb, Communicate, Confess, Comply, Conserve)	<input type="checkbox"/>          	<input type="checkbox"/>          	



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<b>Basic Instrument Maneuvers</b>				
Task A. Straight-and-Level Flight Task B. Constant Airspeed Climbs and Descents Task C. Turns to Headings Task D. Recovery from Unusual Flight Attitudes Task E. Use of Navigation Equipment while under IFR	<table border="1" style="width: 100%; height: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 80%;"></td> </tr> </table>			

<b>Emergency Operations</b>				
Task A. Emergency Descent Task B. Emergency Approach and Landing ( <i>Simulated power loss</i> ) Task C. Systems and Equipment Malfunctions	<table border="1" style="width: 100%; height: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 80%;"></td> </tr> </table>			

<b>Postflight Procedures</b>				
Task A. After Landing, Parking and Securing	<table border="1" style="width: 100%; height: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 80%;"></td> </tr> </table>			



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FLIGHT EXAM NOTES:

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Special Emphasis Areas	S	U	Remarks	
Landing aircraft without Evaluator Assistance				
Hot Spots and Runway Incursion Avoidance				
Maneuvers performed with the outcome never being "seriously in doubt"				
Demonstrates sound judgment and exercises aeronautical decision making/ risk management				
FLIGHT EXAM STAGE CHECK PASS?  Stage Check Pilot Signature: _____  Exam Date: _____			Yes  <input type="checkbox"/>	No  <input type="checkbox"/>