

NAME:

GRADE: _____

Stage 4, Lesson 1

At the completion of this lesson, the student will have knowledge of preflight preparation procedures and the associated performance calculations. Additionally, the student will be familiar with how each maneuver on the syllabus ticket is performed and to what standard.

READING ASSIGNMENT

Pilots Operating Handbook: PA-28-181

Airplane Flying Handbook

OU Aviation Student Supplement

STUDY QUESTIONS

PREFLIGHT PREPARATION

1. How much usable fuel does the pilot 100i hold? _____
2. List the maximum weights:
 - a. Maximum Ramp Weight _____
 - b. Maximum Takeoff Weight _____
 - c. Maximum Landing Weight _____
3. Define V_o : _____

4. What types of operation is the pilot 100i approved for in accordance with FAR 91 or FAR 135
 - a. _____
 - b. _____
 - c. _____
 - d. _____
 - e. _____

EMERGENCY

5. PFD annunciation says "AFCS" what do you do?
6. Which features will be inoperative if the ADHARS fails?

MANEUVERS

7. It is possible to stall at any _____, at any _____ and at any _____.
8. How long do you maintain V_x in a short field takeoff according to OU procedures?
9. What is the maximum airspeed recommended for an emergency descent in the Pilot 100i?
10. During a steep turn, what must happen as the bank angle steepens?

NAME:

GRADE: _____

Stage 4, Lesson 2 Homework

At the completion of this lesson, the student will: Gain knowledge on aircraft preflight procedures and appropriate corrective actions for various malfunctions. To include the purpose, function, location and operation of basic flight controls.

READING ASSIGNMENT

Pilot's Operating Handbook

OU Supplementary Information Packet

Airplane Flying Handbook Chapter 3

STUDY QUESTIONS

Preflight Visual Inspections

1. When sumping the fuel tanks, what are we checking for?
2. What are our flooded start procedures?
3. When can fuel vapor occur in the fuel system and what are the symptoms?
4. What actions would you take if one or more symptoms of vapor in the fuel system arose?
5. What are the primary flight controls?
6. What does each primary flight control provide...ex: pitch, roll yaw?

Maneuvers

7. What degree of bank do we perform clearing turns at?
8. What is the maximum bank we can use in slow flight?
9. List the slow flight recovery
10. You just got the weather at your destination it reads 15 gusting 27.. How will you determine your approach speed on final?

NAME:

GRADE: _____

Stage 4, Lesson 3 Homework

At the completion of this lesson, the student will: Gain knowledge on the Pilot 100i, demonstrate a clear understanding of the aircraft's performance and operational guidelines. Enhance their knowledge of key commercial maneuvers, with a focus on the procedures, correct techniques, common errors, completion standards, and real-world applications. As well as increase emergency knowledge and skill.

READING MATERIAL

Pilots Operating Handbook

Airplane Flying Handbook

OU Student Supplementary Information Packet

STUDY QUESTIONS

Ground Reference Maneuvers

1. During ground reference maneuvers, when flying at a lower groundspeed, the pilot _____ the angle of bank and rate of turn to compensate for the additional time taken while making the turn.
2. What altitude must you establish prior to performing ground reference maneuvers?
3. What direction do you enter ground reference maneuvers?

EMERGENCY

4. What speed do we pitch for during an emergency descent in the Pilot 100i?
5. What is the pilot 100i best glide?
6. You hear a louder than normal wind noise during climb. Your instructor looked up and realized they did not latch the door...what do you do?

7. Your engine is running rough, so you switch to alternate air, but the roughness persists after a minute. What's your next action?
8. You're at cruise over your practice area, when it hits you — you haven't heard any traffic announcements. You call for a radio check, but there's no response. What do you do next, and what is the possible malfunction?

NAME:

GRADE: _____

Stage 4, Lesson 4 Homework

At the completion of this lesson, the student will: Gain knowledge on cruise procedures in the Pilot 100i, demonstrate a clear understanding of the aircraft's performance and operational guidelines. Enhance their knowledge of key commercial maneuvers, with a focus on the procedures, correct techniques, common errors, completion standards, and real-world applications.

READING ASSIGNMENT

Pilot's Operating Handbook: PA-28-181

Airplane Flying Handbook

OU Aviation Student Supplement

Commercial Pilot ACS

Study Questions:

MANEUVERS

1. What are the commercial pilot standards for a steep turn? Where did you find these standards?
2. If the winds are coming from a heading of 180, what heading should you use to begin a Chandelle?
3. You are in Cole at 2,500 feet MSL, you realize you forgot to practice a Chandelle. What altitude, if any, is required to perform this maneuver?
4. While performing slow flight, you hear the stall warning horn. What action should you take?
5. What is necessary to control your airspeed while performing a short field landing?
6. What is necessary to control your altitude while performing a soft field landing?

7. What is the correct braking method upon touchdown during a short field landing?
8. Define imminent stall
9. What is the first step in stall recovery?
10. What is the maximum permissible bank angle in a steep spiral?

NAME:

GRADE: _____

Stage 4, Lesson 5 Homework

At the completion of this lesson, the student will: Gain knowledge on aircraft collision avoidance procedures and appropriate corrective actions for various malfunctions. To include the purpose, function, location and operation of aircraft traffic advisory systems.

READING ASSIGNMENT

Pilot's Operating Handbook: PA-28-181

Airplane Flying Handbook

OU Aviation Student Supplement

STUDY QUESTIONS

COLLISION AVOIDANCE

1. What is the primary goal of collision avoidance during flight?
2. What are key principles of the "see and avoid" concept in collision avoidance?
3. What are the visual scanning techniques recommended for collision avoidance?
4. Why is it important to scan in a "sector" pattern rather than just looking out the front windshield?
5. What is the recommended action if you encounter an aircraft head-on?
6. How should you respond if another aircraft is converging from your right or left?
7. What are common causes of a stall?
8. How do you ensure you land within the designated spot during a power-off 180?
9. What are common errors made during a steep spiral?
10. What is the objective of a chandelle?

NAME:

GRADE: _____

Stage 4, Lesson 6 Homework

At the completion of this lesson, the student will: Gain knowledge on cruise procedures in the Pilot 100i, demonstrate a clear understanding of the aircraft's performance and operational guidelines. Enhance their knowledge of key commercial maneuvers, with a focus on the procedures, correct techniques, common errors, completion standards, and real-world applications.

READING ASSIGNMENT

Pilot's Operating Handbook: PA-28-181

Airplane Flying Handbook

OU Aviation Student Supplement

STUDY QUESTIONS

COMMERCIAL MANEUVERS

1. What speed do you start your steep turns at?
2. According to commercial standards, what bank is required to maintain during steep turns?
3. What actions should you take when reaching the 90-degree point in a Chandelle?
4. How does the load factor increase during a steep turn, and how does it affect the aircraft's performance?
5. What are the visual cues you should use to ensure you are maintaining the correct bank angle during a steep turn?
6. When performing a steep turn, why is it important to avoid over-controlling the aircraft, and how can you prevent this?
7. How does the aircraft's performance change as the bank angle increases in a chandelle, and how does this affect your control inputs?
8. What is the proper technique for the roundout and flare during a soft field landing?
9. What are the potential hazards of a soft field landing, and how can a pilot mitigate these risks?

10. During a steep spiral, how does the pilot's control of the airspeed and bank angle impact the safety and effectiveness of the maneuver?

NAME:

GRADE: _____

Stage 4, Lesson 7 Homework

At the completion of this lesson, the student will: Gain knowledge on aircraft preflight procedures and appropriate corrective actions for various malfunctions. To include the purpose, function, and standard to which maneuvers are performed.

READING ASSIGNMENT

Pilots Operating Handbook: PA-28-181

Airplane Flying Handbook

OU Aviation Student Supplement

STUDY QUESTIONS

Commercial Maneuvers

1. During a steep turn, what causes overbanking tendency, and what steps do you need to take to prevent the aircraft from overbanking?
2. How does the rudder assist in controlling the aircraft during a chandelle, especially as you increase the bank angle during the maneuver?
3. Why do we use rudder during a crosswind takeoff?
4. You are cleared for immediate takeoff behind a Boeing 737, what are the necessary takeoff considerations, if any?
5. Give a detailed explanation of a Lazy 8
6. What determines pivotal altitude?
7. How do you calculate for pivotal altitude?
8. How do you enter the pylon during 8's on pylon?

NAME:

GRADE: _____

Stage 4, Lesson 8 Homework

At the completion of this lesson, the student will: Gain knowledge on aircraft preflight procedures and appropriate corrective actions for various malfunctions. To include the purpose, function, and standard to which maneuvers are performed.

READING ASSIGNMENT

Pilot's Operating Handbook: PA-28-181

Airplane Flying Handbook

OU Aviation Student Supplement

STUDY QUESTIONS

Commercial Maneuvers

1. How do you maintain coordination in a steep turn?
2. According to the airplane flying handbook, during steep turns the pilot should perform the maneuver at an airspeed that does not exceed maneuvering speed. Why is this?
3. What causes the airplane to continue rolling in the direction of the bank as you increase the bank during steep turns?
4. Define short field landing
5. Define soft field landing
6. During your solo, you know the clouds are at 3500 AGL, what altitude must you terminate your chandelle?
7. What altitude should you set up for a steep spiral?
8. What airspeed do you fly at during slow flight?
9. As you reach the correct airspeed during slow flight, power is adjusted to control what?

10. As you reach the correct airspeed during slow flight, pitch is adjusted to control what?

NAME:

GRADE: _____

Stage 4, Lesson 9 Homework

At the completion of this lesson, the student will: Gain knowledge on aircraft preflight procedures and appropriate corrective actions for various malfunctions. To include the purpose, function, and standard to which maneuvers are performed.

READING ASSIGNMENT

Pilot's Operating Handbook: PA-28-181

Airplane Flying Handbook

OU Aviation Student Supplement

STUDY QUESTIONS

System and Equipment Malfunctions

1. While flying the pilot 100i, a CAS message is illuminated " RMP" what does this mean and what is the corrective action?
2. While flying the pilot 100i, a CAS message is illuminated " CHT TEMP" what does this mean and what is the corrective action?
3. The "OIL PRESS" is illuminated RED on the CAS message, you have determined that you have low oil pressure. What is the corrective action?
4. The "OIL PRESS" is illuminated RED on the CAS message, you have determined that you have high oil pressure. What is the corrective action?
5. An unexpected pitch deviation from the desired flight path and red PTRIM annunciation "WARNING" are indicated. What is the warning?

COMMERCIAL MANEUVERS:

6. As the airspeed is decreasing during the climbing portion of the lazy 8, what is required to stay coordinated?
7. Name two common errors that may occur when performing Chandelles
8. What is the objective of a steep spiral?

9. Name two common errors that can occur during a steep spiral?

NAME:

GRADE: _____

Stage 4, Lesson 10 Homework

At the completion of this lesson, the student will: Gain knowledge on aircraft preflight procedures and appropriate corrective actions for various malfunctions. To include the purpose, function, and standard to which maneuvers are performed.

READING ASSIGNMENT

Pilot's Operating Handbook: PA-28-181

Airplane Flying Handbook

OU Aviation Student Supplement

AOPA: A new look at maneuvering speed

STUDY QUESTIONS

Commercial Maneuvers

1. What speed must you achieve prior to starting a lazy 8?
2. During a lazy 8, at what point does your pitch start to slowly decrease?
3. When should you depart a steep spiral?
4. What should the radius of your steep spiral be?
5. What is the objective of a steep turn?
6. According to the airplane flying handbook, what five things will a pilot be exposed to when demonstrating a steep turn?
7. When banking into a steep turn, the total lift divides into two separate components of lift, what are they?
8. Why should we not exceed V_a during a steep turn?
9. Define maneuvering speed
10. Does maneuvering speed increase when weight increases?

NAME:

GRADE: _____

Stage 4, Lesson 11 Homework

At the completion of this lesson, the student will: Gain knowledge on aircraft preflight procedures and appropriate corrective actions for various malfunctions. To include the purpose, function, and standard to which maneuvers are performed.

READING ASSIGNMENT

Pilot's Operating Handbook: PA-28-181

Airplane Flying Handbook

OU Aviation Student Supplement

AOPA Night Flying

STUDY QUESTIONS

Night Operations

1. Define night time
2. Define the Night Blind Spot
3. Define False Horizon
4. In the dark, a stationary light will appear to move about when stared at for many seconds. This could cause disorientation in the pilot and cause them to lose control of the aircraft by aligning with false movements of this light. When is this phenomenon called?
5. When during night time flying should you use a white light? When should you use a red light?
6. When flying at night you will see rotating beacons. What does alternating white and green lights signify?
7. What is the VFR night flight equipment list?
8. Ground operations are more difficult at night, if you land at an unfamiliar towered airport and do not know how to taxi to park, what actions do you take?

9. According to AOPA, what is the best way to fight complacency commanded by your circadian rhythms?
10. If you arrive to an non towered airport at night and you can not see the runway lights, what action, if any, should be taken?

NAME:

GRADE: _____

Stage 4, Lesson 12 Homework

At the completion of this lesson, the student will: Gain knowledge on aircraft preflight procedures and appropriate corrective actions for various malfunctions. To include the purpose, function, and standard to which maneuvers are performed.

READING ASSIGNMENT

Pilot's Operating Handbook: PA-28-181

Airplane Flying Handbook

OU Aviation Student Supplement

AOPA Night Flying

AOPA Some People Use the term "uncontrolled airport" to mean...

STUDY QUESTIONS

Night Operations

1. What is the black hole approach?
2. What is the best way to avoid night illusions, particularly on landing?
3. If you are flying solo, are there currency or recency requirements before flying at night? If so, what are they? If not, when would they be required?
4. When can you log night landings?
5. What is the primary cause of engine failure at night?
6. Why would we want to use a white flashlight to preflight at night?
7. If I click the mic 7 times on an airport's CTAF what will happen?

UNCONTROLLED AIRPORTS

8. What does AOPA consider the "Two Golden Rules" for non towered airport communication?

9. When overflying the field to look at the windsock, what is the appropriate altitude you should be at?
10. If you are approaching an aircraft head on, what corrective action should you take?

NAME:

GRADE:_____

Stage 4, Lesson 13 Homework

At the completion of this lesson, the student will: Gain knowledge on aircraft preflight procedures and appropriate corrective actions for various malfunctions. To include the purpose, function, and standard to which maneuvers are performed.

READING ASSIGNMENT

Pilot's Operating Handbook: PA-28-181

Airplane Flying Handbook

OU Aviation Student Supplement

FAR/AIM

STUDY QUESTIONS

Ground Operations

1. When requesting a preflight weather briefing, what 8 things does the AIM say you need to identify yourself with?
2. What amount of horsepower does the pilot 100i possess?
3. What does the fuel injected servo do?
4. Is the alternate air filtered?
5. How do you know if you should perform a hot or cold start?
6. Draw out the forces acting on the aircraft during a steep turn
7. List the steps in a go around
8. If after your flight, you determine there is something the aircraft needs to go to maintenance for, what is required of you during the post flight?
9. What should you do if you experience a hard landing?
10. List the symptoms of vapor lock?

NAME:

GRADE: _____

Stage 4, Lesson 14 Homework

At the completion of this lesson, the student will: Gain knowledge on aircraft preflight procedures and appropriate corrective actions for various malfunctions. To include the purpose, function, and standard to which maneuvers are performed.

READING ASSIGNMENT

Pilot's Operating Handbook: PA-28-181

Airplane Flying Handbook

OU Aviation Student Supplement

FAR/AIM

AOPA Slow Flight

AOPA Stalls FAQ

STUDY QUESTIONS

Commercial Flying

1. During a checkride, you are at 1400 feet AGL, the examiner asks you to set up for slow flight. What action(s) are necessary prior to setting up for the maneuver?
2. During slow flight, to initiate a climb, what action would you take?
3. During slow flight, you hit a bump of turbulence and your airspeed has increased 15 knots, what is the corrective action to bring you back within tolerance?
4. Define Angle of Attack
5. What is the final airspeed on a short field landing
6. What is the minimum altitude you can perform an accelerated stall?
7. During a short field landing, how do you ensure that you stay on glide slope and avoid obstacles?
8. What is the corrective action if you incur a pitot heat failure?
9. What power setting is required for an accelerated stall?

10. When do you need to recover by during an emergency descent?

NAME:

GRADE: _____

Stage 4, Lesson 15 Homework

At the completion of this lesson, the student will: Gain knowledge on aircraft preflight procedures and appropriate corrective actions for various malfunctions. To include the purpose, function, and standard to which maneuvers are performed.

READING ASSIGNMENT

Pilot's Operating Handbook: PA-28-181

Airplane Flying Handbook

OU Aviation Student Supplement

FAR/AIM

STUDY QUESTIONS

Commercial Maneuvers

1. What is a steep turn?
2. What is the objective of a steep turn?
3. What is a chandelle?
4. What is the objective of a chandelle?
5. What is a Lazy 8?
6. What is the objective of a lazy 8?
7. What is a steep spiral?
8. What is the objective of a steep spiral?
9. Define 8's on pylons?
10. What is the objective of 8's on pylons?

NAME:

GRADE: _____

Stage 4, Lesson 16 Homework

At the completion of this lesson, the student will: Gain knowledge on aircraft preflight procedures and appropriate corrective actions for various malfunctions. To include the purpose, function, and standard to which maneuvers are performed.

READING ASSIGNMENT

Pilot's Operating Handbook: PA-28-181

Airplane Flying Handbook

OU Aviation Student Supplement

FAR/AIM

AOPA Technique Lost Procedures

STUDY QUESTIONS

Cross Country

1. What are the different types of weather briefings?
2. If I am cruising at 7500 MSL, and the field elevation at the airport is 2000' AGL, how long will it take me to reach traffic pattern altitude once I initiate my descent?
3. How do I put in the VOR frequency on the pilot 100i?
4. How do I change the pilot 100i HSI to LOC rather than GPS mode?
5. How do we lean the mixture in the pilot 100i?
6. When leaning the mixture, what is the maximum the cylinder head temperature can rise to?
7. In the event of lost comms, what would you squawk?
8. In the event of lost comms, you see a steady red light, what does this mean?
9. What are some ways to keep from getting lost according to AOPA?

10. What are the four lost comm “C’s”

NAME:

GRADE: _____

Stage 4, Lesson 17 Homework

At the completion of this lesson, the student will: Gain knowledge on aircraft preflight procedures and appropriate corrective actions for various malfunctions. To include the purpose, function, and standard to which maneuvers are performed.

READING ASSIGNMENT

Pilot's Operating Handbook: PA-28-181

Airplane Flying Handbook

OU Aviation Student Supplement

FAR/AIM

AOPA Light'em up

Study Questions

Cross Country Procedures

1. You are going 90 knots, how long will it take you to go 70 miles?
2. You are flying at 110 knots for 90 miles, how long will it take you?
3. What are the fuel requirements for a cross country?
4. What is the first step on the diversion checklist?
5. What is a good checkpoint on a night cross country?
6. If you are planning a night cross country, and there are no good checkpoints to choose from, what should you do?
7. What do lights on the aircraft do for us at night?
8. When flying at night on a night cross country, you look out and see red and green lights. What does this mean?

9. When flying at night on a night cross country, you look out and see only a red light. What does this mean?
10. When flying at night on a night cross country, you look out and see only a green light. What does this mean?

NAME:

GRADE: _____

Stage 4, Lesson 18 Homework

At the completion of this lesson, the student will: Gain knowledge on aircraft preflight procedures and appropriate corrective actions for various malfunctions. To include the purpose, function, and standard to which maneuvers are performed.

READING ASSIGNMENT

Pilot's Operating Handbook: PA-28-181

Airplane Flying Handbook

OU Aviation Student Supplement

FAR/AIM

Study Questions

Cross Country Calculations

1. In the event of an engine failure at night, what code would you squawk?
2. If I am descending for 15 minutes at 90 knots, how many miles out will I start my top of descent?
3. How much fuel will you burn in the pilot 100i if you descend for 15 minutes?
4. If I am going 130 knots, how long will it take me to go 70 miles?
5. If you have flown 80 miles in 30 minutes, how fast have you been traveling?
6. If you are flying in the pilot 100i at 65% power for 50 minutes, how much gas will you have burned?
7. If you flew for 40 minutes and the fuel gauges are showing you have burned 30 gallons, what is your gallon per hour burn?
8. You have been flying for 87 miles going 200 knots, how long have you been flying?
9. You are going on a cross country from KOUN to KDTO. The time you will be taking off is 1345. The FBO says you have to be there at 1500 to get fuel. How fast will you need to fly to make it in time for fuel?

10. If a Southwest Airlines plane was overtaken by a hijacker. What code would they squawk?

NAME:

GRADE: _____

Stage 4, Lesson 19 Homework

At the completion of this lesson, the student will: Gain knowledge on aircraft preflight procedures and appropriate corrective actions for various malfunctions. To include the purpose, function, and standard to which maneuvers are performed.

READING ASSIGNMENT

Pilot's Operating Handbook: PA-28-181

Airplane Flying Handbook

OU Aviation Student Supplement

FAR/AIM

Study Questions

Preflight and Engine Starting Procedures

1. What does the advisory annunciation "PFT" mean?
2. If you see Amber AP with a Red-X in autopilot status box, what is the corrective action?
3. How long can you leave the pitot heat on during pre flight?
4. Can you continue on a flight if the alternator has no output reading?
5. You have noticed an engine oil indication that is not positive on a hot summer day and 3 minutes have passed. What is the corrective action?
6. You are trying to start the engine on the pilot 100i and after 10 seconds of cranking, nothing is happening. What is the corrective action?
7. You have tried to start the pilot 100i five times and none of the attempts have been successful, what is the corrective action?
8. When should "ALT" mode on your transponder be used?
9. During taxi, your VOLTS indication drops to the warning range. What is the corrective action?

10. You are checking the magnetos during run up when you remember your ipad is still in your backpack. Do you have time to grab it while the engine is still operating on one mag?

NAME:

GRADE: _____

Stage 4, Lesson 20 Homework

At the completion of this lesson, the student will: Gain knowledge on aircraft preflight procedures and appropriate corrective actions for various malfunctions. To include the purpose, function, and standard to which maneuvers are performed.

READING ASSIGNMENT

Pilot's Operating Handbook: PA-28-181

Airplane Flying Handbook

OU Aviation Student Supplement

FAR/AIM

Study Questions

Engine Questions

1. What is the most common cause of engine fire during start up?
2. Why do we open the throttle and continue to crank the engine during an engine fire during start up?
3. If you are flying a cross country and forget to switch the fuel selector to the point of engine starvation. How long after switching tanks will the engine take to restart?
4. In the event of an emergency landing, what altitude does the pilot 100i POH suggest you be at during the downwind position, if possible?
5. During an emergency approach to land with excess altitude, what is the corrective action?
6. What could be the cause of an abnormally high engine oil temperature?
7. When should you reset a circuit breaker?
8. In the event of an alternator and battery failure, how long will your standby instrument(s) last? And what is the name of your standby instrument(s)?
9. The scenario from question 8 still applies. Where would you get your heading reading?

NAME:

GRADE: _____

Stage 4, Lesson 21 Homework

At the completion of this lesson, the student will: Gain knowledge on aircraft preflight procedures and appropriate corrective actions for various malfunctions. To include the purpose, function, and standard to which maneuvers are performed.

READING ASSIGNMENT

Pilot's Operating Handbook: PA-28-181

Airplane Flying Handbook

OU Aviation Student Supplement

FAR/AIM

Study Questions

Night Operations

1. As a solo student at night, what time are you required to land by?
2. What is night Myopia?
3. What is Hyperopia?
4. What is astigmatism?
5. What is Presbyopia?
6. What are cones?
7. What are rods?
8. What is a relative-motion illusion?
9. What is reversible perspective illusion?
10. What is a featureless terrain illusion?

NAME:

GRADE: _____

Stage 4, Lesson 22 Homework

At the completion of this lesson, the student will: Gain knowledge on aircraft preflight procedures and appropriate corrective actions for various malfunctions. To include the purpose, function, and standard to which maneuvers are performed.

READING ASSIGNMENT

Pilot's Operating Handbook: PA-28-181

Airplane Flying Handbook

OU Aviation Student Supplement

FAR/AIM

Study Questions

Commercial Maneuvers

List Completion Standards for Each Maneuver Below

1. Chandelle
2. Eights on Pylons
3. Steep turns
4. Power On stall
5. Power Off Stall
6. Slow Flight
7. Lazy 8
8. Steep Spiral

NAME:

GRADE: _____

Stage 4, Lesson 23 Homework

At the completion of this lesson, the student will: Gain knowledge on aircraft preflight procedures and appropriate corrective actions for various malfunctions. To include the purpose, function, and standard to which maneuvers are performed.

READING ASSIGNMENT

Pilot's Operating Handbook: PA-28-181

Airplane Flying Handbook

OU Aviation Student Supplement

FAR/AIM

Study Questions

List some common errors for each of these maneuvers

1. Lazy 8's
2. Chandelles
3. Eights on pylon
4. Steep Spiral
5. Short field take off
6. Soft field takeoff

NAME:

GRADE: _____

Stage 4, Lesson 24 Homework

At the completion of this lesson, the student will: Gain knowledge on aircraft preflight procedures and appropriate corrective actions for various malfunctions. To include the purpose, function, and standard to which maneuvers are performed.

READING ASSIGNMENT

Pilot's Operating Handbook: PA-28-181

Airplane Flying Handbook

OU Aviation Student Supplement

FAR/AIM

Study Questions

Commercial Maneuvers

1. What is the purpose of steep turns?
2. What is the procedure for steep turns?
3. What are the completion standards for steep turns?
4. What are some common errors of steep turns?
5. What is the purpose of a chandelle?
6. What is the procedure of a chandelle?
7. What are the completion standards of a chandelle?
8. What are some common errors of a chandelle?

NAME:

GRADE: _____

Stage 4, Lesson 25 Homework

At the completion of this lesson, the student will: Gain knowledge on aircraft preflight procedures and appropriate corrective actions for various malfunctions. To include the purpose, function, and standard to which maneuvers are performed.

READING ASSIGNMENT

Pilot's Operating Handbook: PA-28-181

Airplane Flying Handbook

OU Aviation Student Supplement

FAR/AIM

Study Questions

Commercial Maneuvers

1. What is the purpose of a steep spiral?
2. What are the completion standards for a steep spiral?
3. What are some common errors that can occur during a steep spiral?
4. What is the purpose of eights on a pylon?
5. What are the completion standards for eights on pylons?
6. What are some common errors associated with eights on pylons?
7. What is the purpose of a short field landing?
8. What are the completion standards for short field landing?