Ch 2A, GL 2

Started: Jul 24 at 10:07am

Quiz Instructions

Select the most correct answer

Flag question: Question 1

Question 1 5 pts

Identify the major components of the airplane depicted in the accompanying illustration.

Group of answer choices

A [Choose]

B [Choose]

C [Choose]

D [Choose]

E [Choose]

Flag question: Question 2

Question 2 1 pts

What is the primary difference between monocoque and semi-monocoque construction?

Group of answer choices

the word semi

there are no essential differences

The semi-monocoque design uses the skin to support almost all imposed loads while the monocoque system uses a substructure riveted to the airplane's skin to maintain the shape of the airframe and increase its strength

The monocoque design uses the skin to support almost all imposed loads while the semi-monocoque system uses a substructure riveted to the airplane's skin to maintain the shape of the airframe and increase its strength

Flag question: Question 3

Question 3 1 pts

When you move the control wheel to the left, will the left aileron move up or down?

Group of answer choices

Down

Vertical

Level

Up

Flag question: Question 4

Question 4 1 pts

True or False. The rudder is located on the horizontal stabilizer

Group of answer choices

True

False

Flag question: Question 5

Question 5 1 pts

What is the purpose of trim devices?

Group of answer choices

Trim devices allow your control surfaces' length to shorten for better aerodynamics

Trim devices aerodynamically help move a control surface, or maintain the surface in a desired position

Trim devices help you maintain your power settings

Trim devices are antiquated and no longer used.

Flag question: Question 6

Question 6 1 pts

An airplane with a wheel mounted on the tail is equipped with what type of landing gear?

Group of answer choices

tail dragger

conventional

nose

Flag question: Question 7

Question 7 1 pts

In addition to providing power to turn the propeller, what other functions does the engine in a typical training airplane perform?

Group of answer choices

Provides vacuum

Provides electrical power

Provides braking power

Provides source of heat

Provides cooling to the flight deck

Flag question: Question 8

Question 8 1 pts

Select 3 reasons why modern airplane engineers favor composite materials over individual materials.

Group of answer choices

A stronger, smoother skin, with a lighter weight structure

Reduction in drag and greater fuel efficiency

Easier to modify

Longer lifespan with less maintenance

Less suspectable to fire

Flag question: Question 9

Question 9 3 pts

Which of the following is specific to the airplane and must be accessible during flight?

Group of answer choices

Airworthiness Directives

Aircraft Maintenance Logbooks

FAA approved airplane flight manual

Flag question: Question 10

Question 10 4 pts

Select the documents required to be on board the aircraft for each flight.

Group of answer choices

Weight and Balance Data

Airworthiness Certificate

Operating limitations

Mechanics Certification of Airworthiness

Maintenance Logbook

Registration(s)

Flag question: Question 11

Question 11 1 pts

An aircraft's annual inspection was performed on June 13 of this year. When is the next annual inspection due?

Group of answer choices

June 1, next year

June 30, next year

June 13, next year

Flag question: Question 12

Question 12 1 pts

A 100-hour inspection was due at 2202.5 hours on the tachometer. The 100-hour inspection was performed at 2209.5 hours. When is the next 100-hour inspection due?

Group of answer choices

2302.5 hours

2312.5 hours

2309.5 hours

Flag question: Question 13

Question 13 4 pts

You discover inoperative equipment on an airplane that you are planning to fly. What four requirements must you check to determine if the equipment must be operational for this flight?

Group of answer choices

Dispatch Book

91.205

VFR-day type certificate

Equipment List or Kinds of Operations Equipment List

POH

Maintenance Log

Air Worthiness Directive (AD)

91.103

Answers

Ch 2A, GL 2 Results for Martin Freiwald

Correct answers are hidden.

Score for this attempt: **22** out of 25
Submitted Jul 22 at 11:19am
This attempt took 2 minutes.

Question 1
5 / 5 pts

Identify the major components of the airplane depicted in the accompanying illustration.

A

Fuselage

B

Wings

C

Powerplant

D

Empennage

E

Landing Gear

Question 2
1 / 1 pts

What is the primary difference between monocoque and semi-monocoque construction?

The monocoque design uses the skin to support almost all imposed loads while the semi-monocoque system uses a substructure riveted to the airplane's skin to maintain the shape of the airframe and increase its strength

there are no essential differences

the word semi

The semi-monocoque design uses the skin to support almost all imposed loads while the monocoque system uses a substructure riveted to the airplane's skin to maintain the shape of the airframe and increase its strength

Question 3
1 / 1 pts

When you move the control wheel to the left, will the left aileron move up or down?

Level

Down

Vertical

Up

Question 4
1 / 1 pts

True or False. The rudder is located on the horizontal stabilizer

True

False

Question 5
1 / 1 pts

What is the purpose of trim devices?

- (•) Trim devices aerodynamically help move a control surface, or maintain the surface in a desired position
- ( ) Trim devices help you maintain your power settings
- ( ) Trim devices are antiquated and no longer used.
- ( ) Trim devices allow your control surfaces' length to shorten for better aerodynamics

Question 6
1 / 1 pts

An airplane with a wheel mounted on the tail is equipped with what type of landing gear?

- ( ) tail dragger
- (•) conventional
- ( ) nose

Incorrect

Question 7
0 / 1 pts

In addition to providing power to turn the propeller, what other functions does the engine in a typical training airplane perform?

- [ ] Provides source of heat
- [ ] Provides vacuum
- [ ] Provides braking power
- [x] Provides electrical power
- [x] Provides cooling to the flight deck

Question 8
1 / 1 pts

Select 3 reasons why modern airplane engineers favor composite materials over individual materials.

- [ ] Less suspectable to fire
- [x] Longer lifespan with less maintenance
- [ ] Easier to modify
- [x] A stronger, smoother skin, with a lighter weight structure
- [x]

Reduction in drag and greater fuel efficiency

Question 9
3 / 3 pts

Which of the following is specific to the airplane and must be accessible during flight?

- (•) FAA approved airplane flight manual
- ( ) Aircraft Maintenance Logbooks
- ( ) Airworthiness Directives

Question 10
4 / 4 pts

Select the documents required to be on board the aircraft for each flight.

- [ ] Maintenance Logbook
- [x] Operating limitations
- [x] Registration(s)
- [x] Weight and Balance Data
- [ ] Mechanics Certification of Airworthiness
- [x]

Airworthiness Certificate

Question 11
1 / 1 pts

An aircraft's annual inspection was performed on June 13 of this year. When is the next annual inspection due?

- (•) June 30, next year
- ( ) June 13, next year
- ( ) June 1, next year

Question 12
1 / 1 pts

A 100-hour inspection was due at 2202.5 hours on the tachometer. The 100-hour inspection was performed at 2209.5 hours. When is the next 100-hour inspection due?

- (•) 2302.5 hours
- ( ) 2312.5 hours
- ( ) 2309.5 hours

Partial

Question 13
2 / 4 pts

You discover inoperative equipment on an airplane that you are planning to fly. What four requirements must you check to determine if the equipment must be operational for this flight?

- [x] Air Worthiness Directive (AD)
- [ ] Dispatch Book
- [x] 91.205
- [x] Equipment List or Kinds of Operations Equipment List
- [x] POH
- [ ] Maintenance Log
- [ ] 91.103
- [ ] VFR-day type certificate

Quiz Score: **22** out of 25