

Assignment Week 02

The due date for submitting this assignment has passed.

Submitted assignment

1) Tire pressure typically changes 1 % for every

- 05 deg F of temperature change.
- 05 deg C of temperature change.
- 10 deg F of temperature change
- 10 deg C of temperature change.

Accepted Answers:

05 deg F of temperature change.

2) Red dot on the tire is

- For balancing
- the heaviest portion
- the lightest portion
- All are correct

Accepted Answers:

the lightest portion

3) Tire and tubes are made from

- Buna S
- Buna N
- Butyl
- Neoprene

Accepted Answers:

Buna S

4) Yellow dot or line on the tube identifies

- Light side of tube
- Heavy side of tube
- Neutral side of tube
- None of these

Accepted Answers:

Heavy side of tube

5) Carbon brakes are approximately

- 40 % heavier than conventional brakes
- 10 % lighter than conventional brakes
- 40 % lighter than conventional brakes
- 10 % heavier than conventional brakes

Accepted Answers:

40 % lighter than conventional brakes

6) What is the purpose of torque links

- Limit compression stroke
- Hold the strut in place
- Keep the piston and wheel aligned
- None of these

Accepted Answers:

Keep the piston and wheel aligned

7) Excessive wear in the center of the tread of an aircraft tire is an indication of

- Incorrect camber
- Over inflation
- Excessive toe-out
- None of these

Accepted Answers:

Over inflation

8) The primary purpose for balancing aircraft wheel assemblies is to

- distribute the aircraft weight properly.
- reduce excessive wear and turbulence.
- prevent heavy spots and reduce vibration.
- None of these

Accepted Answers:

prevent heavy spots and reduce vibration.

9) The purpose of a sequence valve in a hydraulic retractable landing gear system is to

- provide a means of disconnecting the normal source of hydraulic power and connecting the emergency source of power.
- ensure operation of the landing gear and gear doors in the proper order.
- prevent heavy landing gear from falling too rapidly upon extension.
- None of these

Accepted Answers:

ensure operation of the landing gear and gear doors in the proper order.

10) In brake service work, the term 'bleeding brakes' is the process of

- withdrawing air only from the system.
- replacing small amounts of fluid in reservoir.
- withdrawing fluid from the system for the purpose of removing air that has entered the system.
- None of these

Accepted Answers:

withdrawing fluid from the system for the purpose of removing air that has entered the system.