

Basic Systems

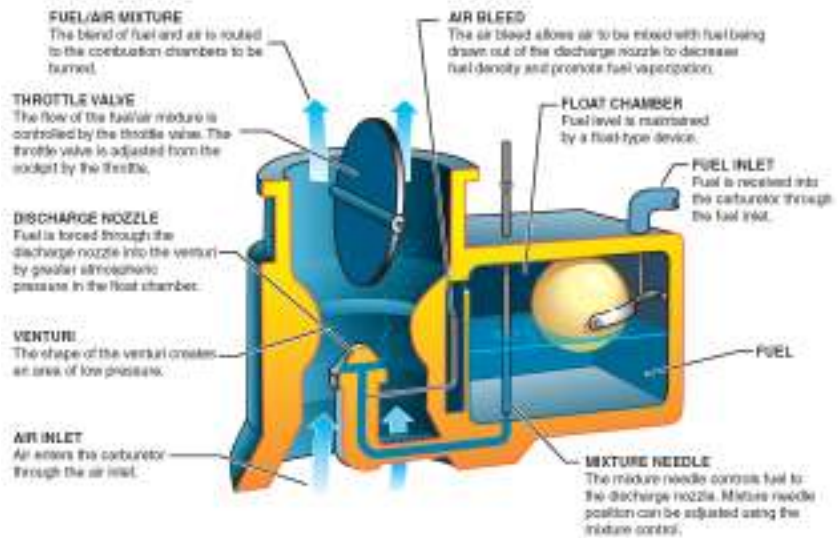
Cycles of Reciprocating Engine

I _____

C _____

P _____

E _____



Carburetor

The carburetor is most susceptible in temperatures between _____°F and _____°F and high humidity.

Aircraft can avoid the dangers of carburetor icing by using a F _____
I _____ system.

Abnormal Combustion

D _____ is an uncontrolled, explosive ignition of the fuel/air mixture within the cylinder's combustion chamber.

P _____ occurs when the fuel/air mixture ignites prior to the engine's normal ignition event.

Methods of Cooling the Engine

During a pre-flight inspection, pilots should sump the fuel and check for:

Fuel Types

_____ = RED

_____ = GREEN

_____ = BLUE

_____ = COLORLESS

Oil's Functions

Types of Propellers

Constant Speed Propellers

If you have a tachometer and a manifold pressure gauge, the RPM's should never be _____ (higher or lower?) _____ than the manifold pressure.

Electrical System

Why have a 28 Volt electrical system and a 24 Volt battery?

Engine Failure ABC's

A _____

B _____

C _____

D _____