

Single Engine Fuel Systems



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Overview

- Introduction
- Fuel Selector
- Gascolator
- Mechanical Pump
- Carburetor
- Summary



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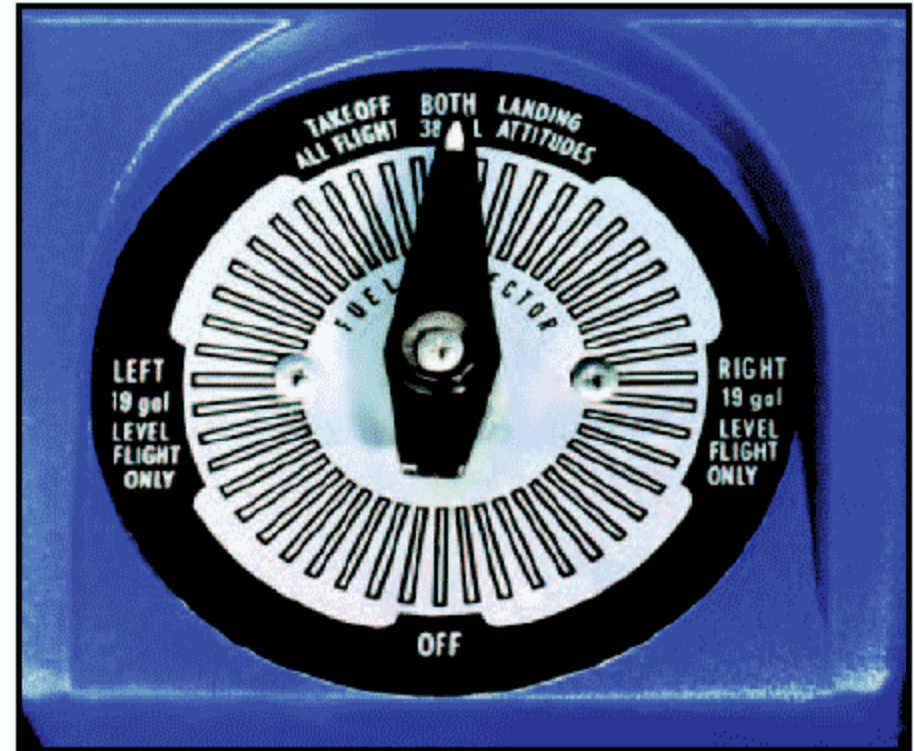
Fuel Systems



- Fuel systems are made for storing and delivering clean fuel to engine at correct pressure

Fuel Selector

- Fuel is fed from tank to fuel selectors
- Fuel selectors give options of having both, left, right, or neither fuel tanks used



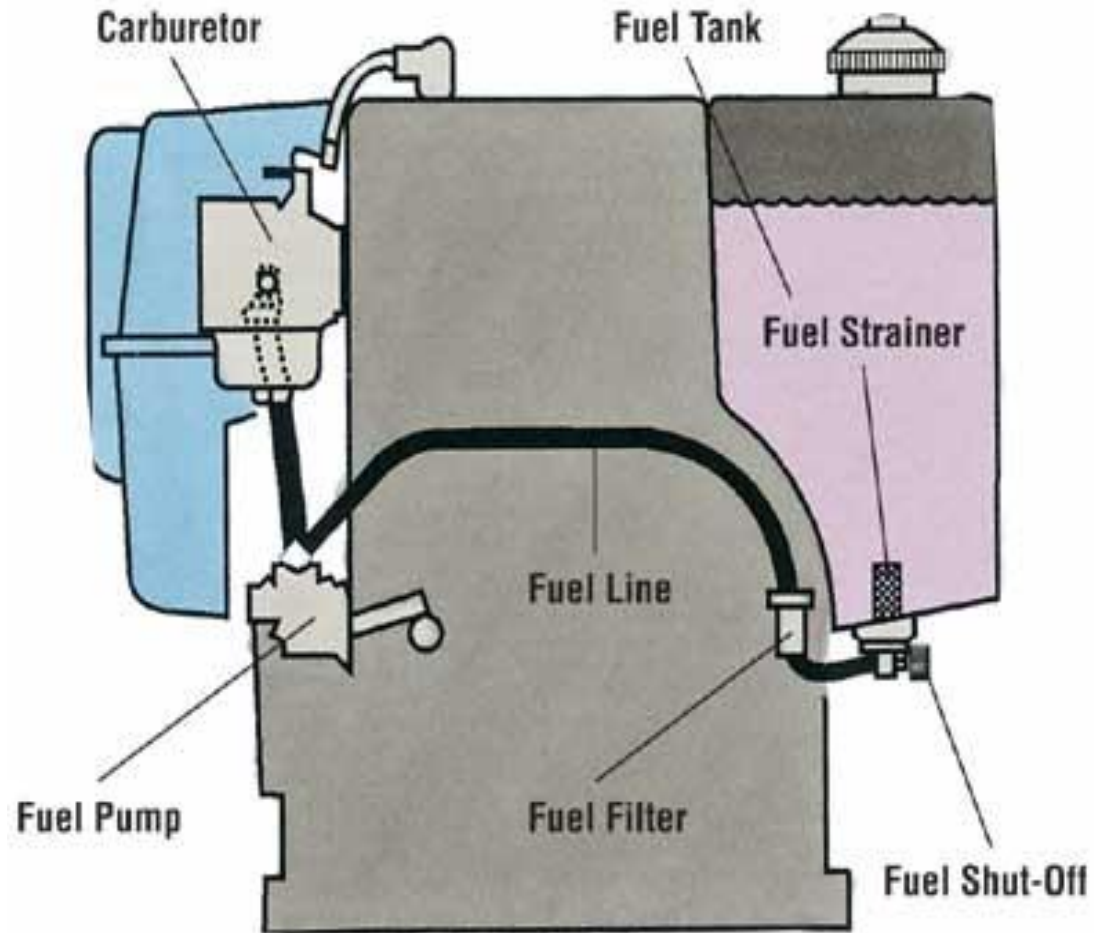
Gascolator

- Gascolator is a fuel strainer and filter
- Drain is found on underside of wing



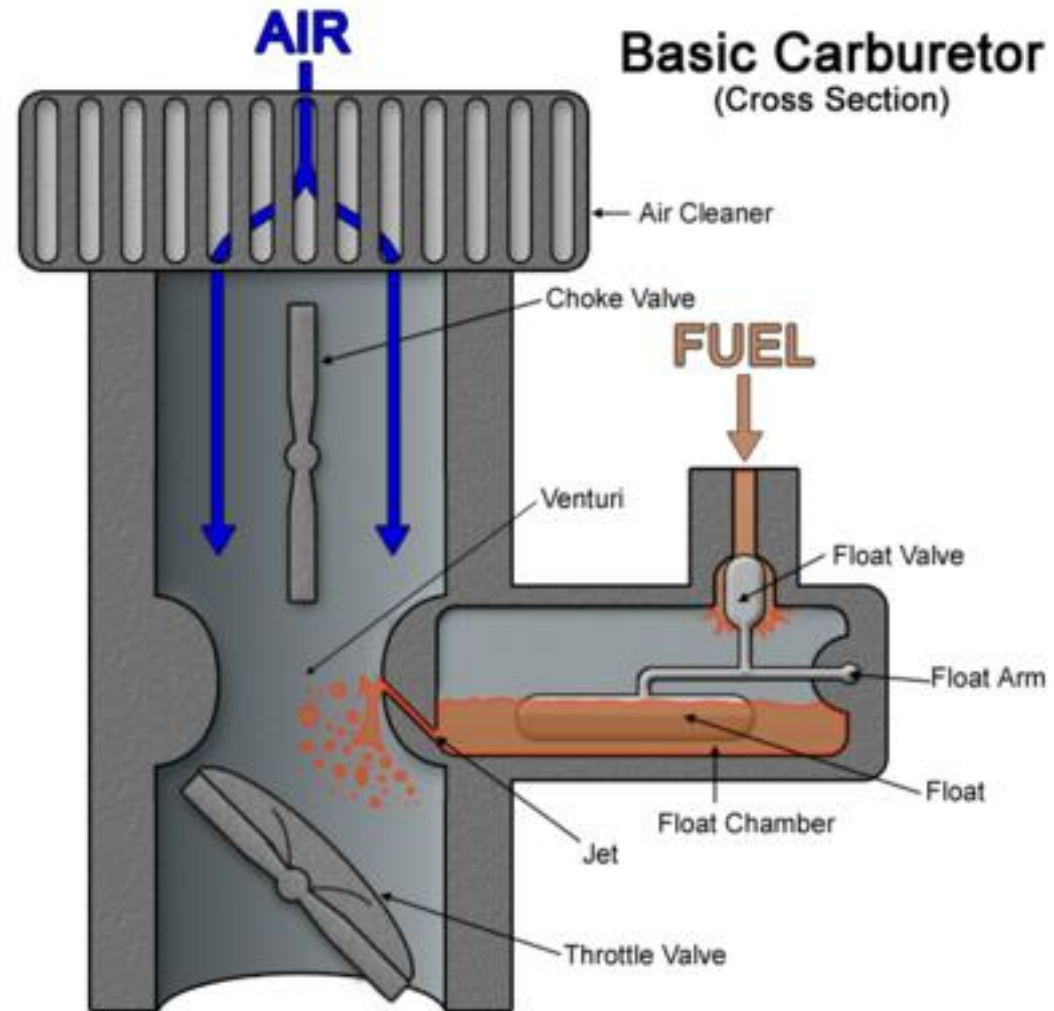
Mechanical Pump

- Mechanical fuel pumps are engine driven
- Pump makes a vacuum that pulls fuel from unpressurized tank



Carburetor

- Carburetor mixes fuel and air before entering engine



Summary

- Fuel is gravity fed to fuel selectors
- After fuel selectors is gascolator which is fuel strainer and filter
- Mechanical pump helps make positive fuel pressure to carburetor
- Fuel mixed with air in carburetor and added to engine

References

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Everything else is taken from airliners.net