



## Plane Mechanic Badge Requirements.

1. Learn the basic principles of operation and the basic parts of one of the following plane engines:
  - Piston engine
  - Turbine engine
2. Know the basic principles of the flight of a plane with mobile wings
3. Know the ground signs for aeroplanes during the day and during the night
4. Know how to do four of the following things:
  - know how to replace the fuel and lubricant in a small aircraft
  - To equip and un-equip a glider
  - To put together a small aircraft
  - To replace the bolt on the engine of a small aircraft
  - To check the nose, spindle, tail and tires of a small aircraft, making sure they are in good condition.
  - Repair small crack in the surface of a small aeroplane or glider
  - Know the checklist before the use of a parachute, the way it is worn and the way it comes out
  - Check the controls of a small aircraft or glider or a correct feel of the motions
5. Visit a flight school in my area.