

Brainstorm

Write down any ideas that come to mind that address your problem statement.

🕒 10 minutes

TIP

You can select a sticky note and hit the pencil (switch to sketch) icon to start drawing!

Person 1

Remove engine cowlings and perform ground run leak checks to prevent air blockage .

To prevent risk of connecting rod defect , should choose high quality engine oil.

Mechanical overload of the crankshaft through abnormal combustion can be overcome by main bearing of an engine in true alignment .

Person 2

To rectify technical snag in engines , Aircraft Maintenance Engineer has to make sure .

A minor electrical malfunction can be rectified by turning off non-critical electrical items .

Rollout prior to lift-off – close both throttles immediately and bring the airplane to a safe, complete stop.

Person 3

Abnormal combustion caused by excess heat in chamber lead to detonation .it can be rectified by reducing compression ratio.

Noise reduction in aircraft usually achieved by lowering the exhaust velocity .

The coolant should be kept free of debris and deposits to maintain a safe operating temperature for your engine at all times.

Person 4

Induction icing lead to engine failure can be rectified by carburetor heat .

It's also important to check engine performance after maintenance has been completed. Mechanics are human and can make mistakes, such as failing to tighten oil and fuel fittings and installing fuel selector valves backwards.

A lack of lubrication will cause unnecessary friction inside the engine, leading to overheating and worse still, the engine seizing up. Make sure that you get your vehicle periodically serviced .