

title: Examining Jet Engine Performance Efficiency

This experiment aimed to investigate the variables influencing a jet engine's efficiency.

The experiment was designed to examine the effects of changing the fuel-air mixture ratio on thrust and fuel use. Different fuel-air mixture ratios were used to test two jet engines, and measurements were made to ascertain the thrust and fuel consumption. The outcomes showed that an ideal fuel-air mixture ratio greatly impacted the jet engine's efficiency.

introduction: The use of jet engines is essential in many industries, including aviation, energy production, and transportation. The importance of improving jet engine performance cannot be overstated because doing so can result in lower fuel usage and higher thrust. This experiment was designed to look at how a jet engine's efficiency is affected by the fuel-air mixture ratio.

Material:

Cardboard

DC Motor

Solar panel

Results:

Yet to be tested

Discussion:

Yet to be tested

Conclusion:

Yet to be tested