

# WORKING MODEL OF A HOVERCRAFT

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## ABSTRACT

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The title of the project is “Working Model of a Hovercraft”. Hovercrafts are normally used in the swamp areas. Modern Hovercrafts are used for many applications which include transporting people and equipment over water at a high speed.

The hovercraft engine provides the power to drive large fans that blow air under the craft. The basic idea of a Hovercraft is to provide a lift of inches from the ground that will then help us to have minimum friction from the ground which can then enhance movement over any surface and at any required speed. This project is mainly about designing and fabricating a working model of hovercraft. The Hovercraft produced will fulfill the requirements of a working model of a Hovercraft by lifting itself above the ground and avoiding friction from the ground at a maximum level.

The mechanisms involved and the prediction for the pressure needed to lift the hovercraft has been shown in the report. Apart from that, the report also includes the materials and machinery used to construct the device and also the flow of the process until completion of the project.

There are some pictures and diagrams which are added for the ease of understanding of the design and also how to operate the device for anyone reading about this project report.