

TITLE : DESIGN AND DEVELOPMENT OF AN AIR VEHICLE

AIM : To develop a compact aircraft that could fly with a better speed than a helicopter and use relatively less fuel.

PICTURES:



Features:

In our project we will go for making this model as light as we can thus making it an efficient to takeoff in terms of distance covered and the time taken to leave the ground.

Primary Difficulties:

The most of difficulties we are gonna face is in the aero zone since we would have to study about the shape of the wings that are going to help us lifting this model. Another difficulties that we plan to tackle is about turning our plane and controlling this feature from ground.

Primary Requirements:

high rpm light weight motor, high voltage low weight batteries, durable body material, RC equipments.

(we might need many more things that we may require at the execution time and could not acknowledge now)

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