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Abstract Details

Title: Cad modelling of passenger drone structure

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Abstract: The objective of this project is to design a passenger drone that can fly up to a certain height and can travel short distances within the overcrowded cities. This report tells us about currently available passenger drone in the market and their abilities, also guides us about the origin of uavs. This work also focuses on the areas and the abilities of the drone. In current scenario, drones are not merely the toys for adventure but their wide list of capabilities has changed their definition. Today drones are present from the teenager playground to the battle field and also in the deeper space exploration. This report also introduces us to similar projects going on and projects that has completed in world market. Report has different types of drone structure that are mainly used for uavs. In this project the main objective is to design the structure of a passenger drone that can accommodate passengers with normal average height and weight, we kept the idea while designing, of enough space for the passenger as well as the power source and other peripheral devices in the drone. We made our best effort to design 3 d model of such drone with the help of cad software catia.

Keywords: history of drone, cad modelling, types of drone present in the market etc.