

# Flying Car Project

## 1. Project Preparation

- 1.1. Project Evaluation
- 1.2. Feasibility Analysis
- 1.3. Market Research
- 1.4. Requirements Analysis
- 1.5. Cost Estimation

## 2. Blue Print Design

- 2.1. Conceptual Design
- 2.2. Appearance Design
  - 2.2.1. Car Body Design
  - 2.2.2. Car Body Material Selection
  - 2.2.3. Chassis Design
  - 2.2.4. Chassis Material Selection
- 2.3. Interior Design
- 2.4. Control System Design
- 2.5. Power system design
- 2.6. Safety Design
- 2.7. Modeling and Simulation

## 3. Manufacturing

- 3.1. Material Order
- 3.2. Drawings Preparation
- 3.3. Production Bidding, Select Manufacturers
- 3.4. Supervision of Production Process
- 3.5. Quality Control(QC)
- 3.6. Parts Production
- 3.7. Transportation
- 3.8. Final Assembly

## 4. Acceptance of Delivery

- 4.1. Trial Flight
- 4.2. Test Flight Data Processing and Analysis
- 4.3. Correction and Optimization
- 4.4. Obtain Airworthiness Permit
- 4.5. Customer Delivery
- 4.6. Maintenance Personnel Training
- 4.7. Establish After-Sales Service Station
- 4.8. Market Expansion