





build a helicopter

Helicopters are a special category in aviation. Their ability to land and take off vertically makes them ideal for emergency and rescue scenarios. Build you helicopter model and discover:

- How do helicopters fly?
- Why helicopters need a tail rotor?

build a glider

The first attempts of humans to fly were made with gliders. Build your own glider model and observe how bird's wings were the inspiration for engineers to achieve flight.





build a single proplane

This model features the propeller which was the fist mechanism for propulsion. Even toda acrobatic aircrafts use this technology to achieve their manoeuvres!

 How do pilots control an aircraft? Which aircraft holds the speed recor build a chinook

Chinook is an iconic helicopter with two rotor blades. This powerful machine can carry numerous passengers and lift outstanding amount of load.

- palance torque?



EU OFFICE & FACTORY:

ENGINO-NET LIMITED P.O.BOX 72100, 4200 LIMASSOL, CYPRUS Tel.: +357 25821960 Fax: +357 25821961 E-mail: info@engino.com Web: www.engino.com



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HOW AIRCRAFTS WORK?

echnology of machines

Travelling with an aircraft for holidays or for business is a very common activity. Airplanes are made to combine fast transportation and safety. The development of aviation is considered as one of the highlights in human history, since it has totally changed the way we travel around the Earth. Are you interested to become a pilot? How do pilots control a plane and do acrobatic manoeuvres? Which forces affect a flight? How do helicopters fly?



























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