

# HELICOPTER & DRONE PLANT

7Tao support educational institutions in the simulation and development of model production lines and plants.

7Tao realise that drones, electric flying cars, helicopters and Jet propelled self propelled vehicles are the future of flight in the coming century. 7Tao have several different versions of electrically powered flight systems and supporting plants which challenge the student to think about flight based mechanics and systems.

Students will be challenged to build electrically based flight systems based on mass production lines which will reflect the true nature of problems that these systems will face as they replace the fossil fuel powered era. Students will build electric drones, helicopters and flight stability systems as they learn the basics of Aerospace based rotary systems. Students will fly the products to ensure that they have been built with the best production, quality and manufacturing techniques in modern industry.

7Tao use the latest in Gasoline, Electric and Nitro based fuel systems to ensure that the factory simulation is true to life.

Students 'work through play' as they deep dive into challenges which realise their full potential in the manufacturing and engineering world.

The Helicopter and Drone Plant program can be a one day introduction or a full 5 day training course which is certified to NVQ Level with an Engineering Awarding body.



Q & A	
Number of students in a cohort	10 to 20
Number of engineering and manufacturing techniques that could be learned	25+
Engineering problems to be solved	30+
Age range	14+
Number of products to be built	5 - 25
Certification process with EAL Engineering Awards	Available