Project ICAROS Report Code	*FR-SE-2017-FEB-12*
Title	*Drawing a drone with a dynamic geometry software*
Start/End Date	*12-Feb-2017/ 12-Feb-2017*
Coordinator name and email	*Marc Garrigou – marc.garrigou@ac-toulouse.fr*
Name of teachers	*Patrice SUIN – patrice.suin@ac-toulouse.fr*
Number and age of students	*24 students / 16-18 years old*
Description of activities	*During this session, our students in first year of MEI (industrial equipments maintenance) draw a simplified drone from common solids: cube, sphere, cylinder, rectangular parallelepiped, cone or pyramid.* *The aim is to familiarize with common solids and 3D drawing software.*
Learning outcomes	*During this teaching sequence the exam skills practised by the students are :* • *Appropriating* • *Analysing* • *Carrying out* *The different abilities associated to the framework degree are :* Drawing a common solid with or without IT. Reading and interpreting a perspective view from a common solid. Recognizing and naming common solid embeded in other solids. Identifying from professional field or from real life, some solids made out of common solids.

Photos or other relevant material

Drone Quadri-rotors