





Project ICAROS Report Code Title Start up a System (Unmanned Aircraft) in accordance with the rules of use and safety Start/End Date Coordinator name and email Name of teachers Wolf Nicolas – nwolf @ac-toulouse.fr Number and age of students As: Communicating with users and within a team: Dialogue in a group, reporting information. Success Criteria: - The dialogue makes it possible to choose a solution that is clear and accepted by all Clear speeches, exploitable reports, instructions are strict - The actors appropriate information. As: Integrate a new system: Start up a quadcopter by ensuring compliance with the trules of use and safety. Identify the risks and define the preventive measures throughout the maneuvers. Success Criteria: - Environmental constraints are taken into account - Risk analysis done, safety is guaranteed - The contents are mastered: Theoretical test remote pilot Through these activities the students will develop some skills of their training reference: - CP1.5: Identify the risks and define the preventive measures to be implemented CP4.1: Receiving and transmitting information This sequence will take place in several steps and will require some knowledge before					
Title Start up a System (Unmanned Aircraft) in accordance with the rules of use and safety Start/End Date Start/End Date Started 05/12-2016 – Ended 31/03-2017 Marc Garrigou – marc.garrigou @ac-toulouse.fr Mumber and age of students Number and age of students Number and age of students As: Communicating with users and within a team: Dialogue in a group, reporting information. Success Criteria: - The dialogue makes it possible to choose a solution that is clear and accepted by all. - Clear speeches, exploitable reports, instructions are strict - The actors appropriate information Description of activities Description of activities As: Communicating with users and within a team: Dialogue in a group, reporting information. Success Criteria: - The dialogue makes it possible to choose a solution that is clear and accepted by all. - Clear speeches, exploitable reports, instructions are strict - The actors appropriate information. As: Integrate a new system: Start up a quadcopter by ensuring compliance with the rules of use and safety. Identify the risks and define the preventive measures throughout the maneuvers. Success Criteria: - Environmental constraints are taken into account - Risk analysis done, safety is guaranteed - The contents are mastered: Theoretical test remote pilot Through these activities the students will develop some skills of their training reference: - CP1.6: To start up a system in compliance with the procedures. - CP1.7: Identify the risks and define the preventive measures to be implemented. - CP4.1: Receiving and transmitting information This sequence will take place in several steps and will require some knowledge before	Project ICAROS				
Title Start up a System (Unmanned Aircraft) in accordance with the rules of use and safety Start/End Date Coordinator name and email Name of teachers Wolf Nicolas – nwolf @ac-toulouse.fr Number and age of students Z Classes: 46 students, 17 to 19 y.o. Main objective in the context of vocational activities: The aim is to make students aware of all the knowledge and actions to be done before the real use of any system whatsoever. A5: Communicating with users and within a team: Dialogue in a group, reporting information. Success Criteria: The dialogue makes it possible to choose a solution that is clear and accepted by all. Clear speeches, exploitable reports, instructions are strict The actors appropriate information. A4: Integrate a new system: Start up a quadcopter by ensuring compliance with the rules of use and safety. Identify the risks and define the preventive measures throughout the maneuvers. Success Criteria: Environmental constraints are taken into account Risk analysis done, safety is guaranteed The contents are mastered: Theoretical test remote pilot Through these activities the students will develop some skills of their training reference: CP1.6: To start up a system in compliance with the procedures. CP1.7: Identify the risks and define the preventive measures to be implemented. CP4.1: Receiving and transmitting information This sequence will take place in several steps and will require some knowledge before		FR-STEX-2017-03			
Start/End Date Started 05/12-2016 – Ended 31/03-2017 Coordinator name and email Marc Garrigou – marc.garrigou @ac-toulouse.fr Number and age of students Main objective in the context of vocational activities: The aim is to make students aware of all the knowledge and actions to be done before the real use of any system whatsoever. A5: Communicating with users and within a team: Dialogue in a group, reporting information. Success Criteria: - The dialogue makes it possible to choose a solution that is clear and accepted by all Clear speeches, exploitable reports, instructions are strict - The actors appropriate information. A4: Integrate a new system: Start up a quadcopter by ensuring compliance with the rules of use and safety. Identify the risks and define the preventive measures throughout the maneuvers. Success Criteria: - Environmental constraints are taken into account - Risk analysis done, safety is guaranteed - The contents are mastered: Theoretical test remote pilot Through these activities the students will develop some skills of their training reference: - CP1.7: Identify the risks and define the preventive measures to be implemented CP4.1: Receiving and transmitting information This sequence will take place in several steps and will require some knowledge before	Report Code				
Start/End Date Started 05/12-2016 – Ended 31/03-2017 Coordinator name and email Marc Garrigou – marc.garrigou @ac-toulouse.fr Number and age of students Main objective in the context of vocational activities: The aim is to make students aware of all the knowledge and actions to be done before the real use of any system whatsoever. A5: Communicating with users and within a team: Dialogue in a group, reporting information. Success Criteria: - The dialogue makes it possible to choose a solution that is clear and accepted by all Clear speeches, exploitable reports, instructions are strict - The actors appropriate information. A4: Integrate a new system: Start up a quadcopter by ensuring compliance with the rules of use and safety. Identify the risks and define the preventive measures throughout the maneuvers. Success Criteria: - Environmental constraints are taken into account - Risk analysis done, safety is guaranteed - The contents are mastered: Theoretical test remote pilot Through these activities the students will develop some skills of their training reference: - CP1.7: Identify the risks and define the preventive measures to be implemented CP4.1: Receiving and transmitting information This sequence will take place in several steps and will require some knowledge before	T:41 a	Otant up a Ocatan (Hamanan ad Aircenti) in a considerate with the miles of up and office			
Coordinator name and email Name of teachers Wolf Nicolas – nwolf @ac-toulouse.fr Number and age of students 2 Classes: 46 students, 17 to 19 y.o. Main objective in the context of vocational activities: The aim is to make students aware of all the knowledge and actions to be done before the real use of any system whatsoever. A5: Communicating with users and within a team: Dialogue in a group, reporting information. Success Criteria: - The dialogue makes it possible to choose a solution that is clear and accepted by all Clear speeches, exploitable reports, instructions are strict - The actors appropriate information. A4: Integrate a new system: Start up a quadcopter by ensuring compliance with the rules of use and safety. Identify the risks and define the preventive measures throughout the maneuvers. Success Criteria: - Environmental constraints are taken into account - Risk analysis done, safety is guaranteed - The contents are mastered: Theoretical test remote pilot Through these activities the students will develop some skills of their training reference: - CP1.6: To start up a system in compliance with the procedures CP1.7: Identify the risks and define the preventive measures to be implemented CP4.1: Receiving and transmitting information This sequence will take place in several steps and will require some knowledge before	litie	Start up a System (Unmanned Aircraft) in accordance with the rules of use and safety			
Coordinator name and email Name of teachers Wolf Nicolas – nwolf @ac-toulouse.fr Number and age of students 2 Classes: 46 students, 17 to 19 y.o. Main objective in the context of vocational activities: The aim is to make students aware of all the knowledge and actions to be done before the real use of any system whatsoever. A5: Communicating with users and within a team: Dialogue in a group, reporting information. Success Criteria: - The dialogue makes it possible to choose a solution that is clear and accepted by all Clear speeches, exploitable reports, instructions are strict - The actors appropriate information. A4: Integrate a new system: Start up a quadcopter by ensuring compliance with the rules of use and safety. Identify the risks and define the preventive measures throughout the maneuvers. Success Criteria: - Environmental constraints are taken into account - Risk analysis done, safety is guaranteed - The contents are mastered: Theoretical test remote pilot Through these activities the students will develop some skills of their training reference: - CP1.6: To start up a system in compliance with the procedures CP1.7: Identify the risks and define the preventive measures to be implemented CP4.1: Receiving and transmitting information This sequence will take place in several steps and will require some knowledge before	Ctout/End Date	Ctarted 05/42 2040			
As: Integrate a new system: Start up a quadcopter by ensuring compliance with the rules of use and safety: Identify the risks and define the preventive measures throughout the maneuvers. Success Criteria: - The aim of use and safety: Identify the risks and define the preventive measures As: Integrate a new system: Start up a quadcopter by ensuring compliance with the rules of use and safety: Identify the risks and define the preventive measures - Environmental constraints are taken into account - Risk analysis done, safety is guaranteed - The contents are mastered: Theoretical test remote pilot Through these activities the students will develop some skills of their training reference: - CP1.6: To start up a system in compliance with the procedures CP1.1: Receiving and transmitting information This sequence will take place in several steps and will require some knowledge before	Start/End Date	Started 05/12-2016			
As: Communicating with users and within a team: Dialogue in a group, reporting information. Success Criteria: - The dialogue makes it possible to choose a solution that is clear and accepted by all Clear speeches, exploitable reports, instructions are strict - The actors appropriate information. A4: Integrate a new system: Start up a quadcopter by ensuring compliance with the rules of use and safety. Identify the risks and define the preventive measures throughout the maneuvers. Success Criteria: - The dialogue makes it possible to choose a solution that is clear and accepted by all Clear speeches, exploitable reports, instructions are strict - The actors appropriate information. A4: Integrate a new system: Start up a quadcopter by ensuring compliance with the rules of use and safety. Identify the risks and define the preventive measures throughout the maneuvers. Success Criteria: - Environmental constraints are taken into account - Risk analysis done, safety is guaranteed - The contents are mastered: Theoretical test remote pilot Through these activities the students will develop some skills of their training reference: - CP1.6: To start up a system in compliance with the procedures CP1.7: Identify the risks and define the preventive measures to be implemented CP4.1: Receiving and transmitting information This sequence will take place in several steps and will require some knowledge before	Coordinator name				
Number and age of students Main objective in the context of vocational activities: The aim is to make students aware of all the knowledge and actions to be done before the real use of any system whatsoever. A5: Communicating with users and within a team: Dialogue in a group, reporting information. Success Criteria: The dialogue makes it possible to choose a solution that is clear and accepted by all. Clear speeches, exploitable reports, instructions are strict The actors appropriate information. A4: Integrate a new system; Start up a quadcopter by ensuring compliance with the rules of use and safety. Identify the risks and define the preventive measures throughout the maneuvers. Success Criteria: Environmental constraints are taken into account Risk analysis done, safety is guaranteed The contents are mastered: Theoretical test remote pilot Through these activities the students will develop some skills of their training reference: CP1.6: To start up a system in compliance with the procedures. CP1.7: Identify the risks and define the preventive measures to be implemented. CP4.1: Receiving and transmitting information This sequence will take place in several steps and will require some knowledge before		Marc Garrigou – marc.garrigou @ac-toulouse.fr			
Number and age of students Main objective in the context of vocational activities: The aim is to make students aware of all the knowledge and actions to be done before the real use of any system whatsoever. A5: Communicating with users and within a team: Dialogue in a group, reporting information. Success Criteria: The dialogue makes it possible to choose a solution that is clear and accepted by all. Clear speeches, exploitable reports, instructions are strict The actors appropriate information. A4: Integrate a new system; Start up a quadcopter by ensuring compliance with the rules of use and safety. Identify the risks and define the preventive measures throughout the maneuvers. Success Criteria: Environmental constraints are taken into account Risk analysis done, safety is guaranteed The contents are mastered: Theoretical test remote pilot Through these activities the students will develop some skills of their training reference: CP1.6: To start up a system in compliance with the procedures. CP1.7: Identify the risks and define the preventive measures to be implemented. CP4.1: Receiving and transmitting information This sequence will take place in several steps and will require some knowledge before					
Main objective in the context of vocational activities: The aim is to make students aware of all the knowledge and actions to be done before the real use of any system whatsoever. A5: Communicating with users and within a team: Dialogue in a group, reporting information. Success Criteria: - The dialogue makes it possible to choose a solution that is clear and accepted by all. - Clear speeches, exploitable reports, instructions are strict - The actors appropriate information. A4: Integrate a new system: Start up a quadcopter by ensuring compliance with the rules of use and safety. Identify the risks and define the preventive measures throughout the maneuvers. Success Criteria: - Environmental constraints are taken into account - Risk analysis done, safety is guaranteed - The contents are mastered: Theoretical test remote pilot Through these activities the students will develop some skills of their training reference: - CP1.6: To start up a system in compliance with the procedures. - CP1.7: Identify the risks and define the preventive measures to be implemented. - CP4.1: Receiving and transmitting information This sequence will take place in several steps and will require some knowledge before	Name of teachers	Wolf Nicolas – nwolf @ac-toulouse.fr			
Main objective in the context of vocational activities: The aim is to make students aware of all the knowledge and actions to be done before the real use of any system whatsoever. A5: Communicating with users and within a team: Dialogue in a group, reporting information. Success Criteria: - The dialogue makes it possible to choose a solution that is clear and accepted by all. - Clear speeches, exploitable reports, instructions are strict - The actors appropriate information. A4: Integrate a new system: Start up a quadcopter by ensuring compliance with the rules of use and safety. Identify the risks and define the preventive measures throughout the maneuvers. Success Criteria: - Environmental constraints are taken into account - Risk analysis done, safety is guaranteed - The contents are mastered: Theoretical test remote pilot Through these activities the students will develop some skills of their training reference: - CP1.6: To start up a system in compliance with the procedures. - CP1.7: Identify the risks and define the preventive measures to be implemented. - CP4.1: Receiving and transmitting information This sequence will take place in several steps and will require some knowledge before					
Main objective in the context of vocational activities: The aim is to make students aware of all the knowledge and actions to be done before the real use of any system whatsoever. A5: Communicating with users and within a team: Dialogue in a group, reporting information. Success Criteria: - The dialogue makes it possible to choose a solution that is clear and accepted by all Clear speeches, exploitable reports, instructions are strict - The actors appropriate information. A4: Integrate a new system: Start up a quadcopter by ensuring compliance with the rules of use and safety. Identify the risks and define the preventive measures throughout the maneuvers. Success Criteria: - Environmental constraints are taken into account - Risk analysis done, safety is guaranteed - The contents are mastered: Theoretical test remote pilot Through these activities the students will develop some skills of their training reference: - CP1.6: To start up a system in compliance with the procedures CP1.7: Identify the risks and define the preventive measures to be implemented CP4.1: Receiving and transmitting information This sequence will take place in several steps and will require some knowledge before		2 Classes: 46 students, 17 to 19 y.o.			
The aim is to make students aware of all the knowledge and actions to be done before the real use of any system whatsoever. A5: Communicating with users and within a team: Dialogue in a group, reporting information. Success Criteria: - The dialogue makes it possible to choose a solution that is clear and accepted by all. - Clear speeches, exploitable reports, instructions are strict - The actors appropriate information. A4: Integrate a new system: Start up a quadcopter by ensuring compliance with the rules of use and safety. Identify the risks and define the preventive measures throughout the maneuvers. Success Criteria: - Environmental constraints are taken into account - Risk analysis done, safety is guaranteed - The contents are mastered: Theoretical test remote pilot Through these activities the students will develop some skills of their training reference: - CP1.6: To start up a system in compliance with the procedures. - CP1.7: Identify the risks and define the preventive measures to be implemented. - CP4.1: Receiving and transmitting information This sequence will take place in several steps and will require some knowledge before	or students				
The aim is to make students aware of all the knowledge and actions to be done before the real use of any system whatsoever. A5: Communicating with users and within a team: Dialogue in a group, reporting information. Success Criteria: - The dialogue makes it possible to choose a solution that is clear and accepted by all. - Clear speeches, exploitable reports, instructions are strict - The actors appropriate information. A4: Integrate a new system: Start up a quadcopter by ensuring compliance with the rules of use and safety. Identify the risks and define the preventive measures throughout the maneuvers. Success Criteria: - Environmental constraints are taken into account - Risk analysis done, safety is guaranteed - The contents are mastered: Theoretical test remote pilot Through these activities the students will develop some skills of their training reference: - CP1.6: To start up a system in compliance with the procedures. - CP1.7: Identify the risks and define the preventive measures to be implemented. - CP4.1: Receiving and transmitting information This sequence will take place in several steps and will require some knowledge before		Main objective in the context of vocational activities:			
the real use of any system whatsoever. A5: Communicating with users and within a team: Dialogue in a group, reporting information. Success Criteria: - The dialogue makes it possible to choose a solution that is clear and accepted by all. - Clear speeches, exploitable reports, instructions are strict - The actors appropriate information. A4: Integrate a new system: Start up a quadcopter by ensuring compliance with the rules of use and safety. Identify the risks and define the preventive measures throughout the maneuvers. Success Criteria: - Environmental constraints are taken into account - Risk analysis done, safety is guaranteed - The contents are mastered: Theoretical test remote pilot Through these activities the students will develop some skills of their training reference: - CP1.6: To start up a system in compliance with the procedures. - CP1.7: Identify the risks and define the preventive measures to be implemented. - CP4.1: Receiving and transmitting information This sequence will take place in several steps and will require some knowledge before					
A5: Communicating with users and within a team: Dialogue in a group, reporting information. Success Criteria: - The dialogue makes it possible to choose a solution that is clear and accepted by all. - Clear speeches, exploitable reports, instructions are strict - The actors appropriate information. A4: Integrate a new system: Start up a quadcopter by ensuring compliance with the rules of use and safety. Identify the risks and define the preventive measures throughout the maneuvers. Success Criteria: - Environmental constraints are taken into account - Risk analysis done, safety is guaranteed - The contents are mastered: Theoretical test remote pilot Through these activities the students will develop some skills of their training reference: - CP1.6: To start up a system in compliance with the procedures. - CP1.7: Identify the risks and define the preventive measures to be implemented. - CP4.1: Receiving and transmitting information This sequence will take place in several steps and will require some knowledge before		The aim is to make students aware of all the knowledge and actions to be done before			
information. Success Criteria: - The dialogue makes it possible to choose a solution that is clear and accepted by all. - Clear speeches, exploitable reports, instructions are strict - The actors appropriate information. A4: Integrate a new system: Start up a quadcopter by ensuring compliance with the rules of use and safety. Identify the risks and define the preventive measures throughout the maneuvers. Success Criteria: - Environmental constraints are taken into account - Risk analysis done, safety is guaranteed - The contents are mastered: Theoretical test remote pilot Through these activities the students will develop some skills of their training reference: - CP1.6: To start up a system in compliance with the procedures. - CP1.7: Identify the risks and define the preventive measures to be implemented. - CP4.1: Receiving and transmitting information This sequence will take place in several steps and will require some knowledge before		the real use of any system whatsoever.			
information. Success Criteria: - The dialogue makes it possible to choose a solution that is clear and accepted by all. - Clear speeches, exploitable reports, instructions are strict - The actors appropriate information. A4: Integrate a new system: Start up a quadcopter by ensuring compliance with the rules of use and safety. Identify the risks and define the preventive measures throughout the maneuvers. Success Criteria: - Environmental constraints are taken into account - Risk analysis done, safety is guaranteed - The contents are mastered: Theoretical test remote pilot Through these activities the students will develop some skills of their training reference: - CP1.6: To start up a system in compliance with the procedures. - CP1.7: Identify the risks and define the preventive measures to be implemented. - CP4.1: Receiving and transmitting information This sequence will take place in several steps and will require some knowledge before					
Success Criteria: - The dialogue makes it possible to choose a solution that is clear and accepted by all. - Clear speeches, exploitable reports, instructions are strict - The actors appropriate information. A4: Integrate a new system: Start up a quadcopter by ensuring compliance with the rules of use and safety. Identify the risks and define the preventive measures throughout the maneuvers. Success Criteria: - Environmental constraints are taken into account - Risk analysis done, safety is guaranteed - The contents are mastered: Theoretical test remote pilot Through these activities the students will develop some skills of their training reference: - CP1.6: To start up a system in compliance with the procedures. - CP1.7: Identify the risks and define the preventive measures to be implemented. - CP4.1: Receiving and transmitting information This sequence will take place in several steps and will require some knowledge before					
- The dialogue makes it possible to choose a solution that is clear and accepted by all Clear speeches, exploitable reports, instructions are strict - The actors appropriate information. A4: Integrate a new system: Start up a quadcopter by ensuring compliance with the rules of use and safety. Identify the risks and define the preventive measures throughout the maneuvers. Success Criteria: - Environmental constraints are taken into account - Risk analysis done, safety is guaranteed - The contents are mastered: Theoretical test remote pilot Through these activities the students will develop some skills of their training reference: - CP1.6: To start up a system in compliance with the procedures CP1.7: Identify the risks and define the preventive measures to be implemented CP4.1: Receiving and transmitting information This sequence will take place in several steps and will require some knowledge before		information.			
- The dialogue makes it possible to choose a solution that is clear and accepted by all Clear speeches, exploitable reports, instructions are strict - The actors appropriate information. A4: Integrate a new system: Start up a quadcopter by ensuring compliance with the rules of use and safety. Identify the risks and define the preventive measures throughout the maneuvers. Success Criteria: - Environmental constraints are taken into account - Risk analysis done, safety is guaranteed - The contents are mastered: Theoretical test remote pilot Through these activities the students will develop some skills of their training reference: - CP1.6: To start up a system in compliance with the procedures CP1.7: Identify the risks and define the preventive measures to be implemented CP4.1: Receiving and transmitting information This sequence will take place in several steps and will require some knowledge before					
- Clear speeches, exploitable reports, instructions are strict - The actors appropriate information. A4: Integrate a new system: Start up a quadcopter by ensuring compliance with the rules of use and safety. Identify the risks and define the preventive measures throughout the maneuvers. Success Criteria: - Environmental constraints are taken into account - Risk analysis done, safety is guaranteed - The contents are mastered: Theoretical test remote pilot Through these activities the students will develop some skills of their training reference: - CP1.6: To start up a system in compliance with the procedures CP1.7: Identify the risks and define the preventive measures to be implemented CP4.1: Receiving and transmitting information This sequence will take place in several steps and will require some knowledge before		Success Criteria:			
- The actors appropriate information. A4: Integrate a new system: Start up a quadcopter by ensuring compliance with the rules of use and safety. Identify the risks and define the preventive measures throughout the maneuvers. Success Criteria: - Environmental constraints are taken into account - Risk analysis done, safety is guaranteed - The contents are mastered: Theoretical test remote pilot Through these activities the students will develop some skills of their training reference: - CP1.6: To start up a system in compliance with the procedures CP1.7: Identify the risks and define the preventive measures to be implemented CP4.1: Receiving and transmitting information This sequence will take place in several steps and will require some knowledge before		- The dialogue makes it possible to choose a solution that is clear and accepted by all.			
Description of activities Success Criteria: - Environmental constraints are taken into account - Risk analysis done, safety is guaranteed - The contents are mastered: Theoretical test remote pilot Through these activities the students will develop some skills of their training reference: - CP1.6: To start up a system in compliance with the procedures CP1.7: Identify the risks and define the preventive measures to be implemented CP4.1: Receiving and transmitting information This sequence will take place in several steps and will require some knowledge before		- Clear speeches, exploitable reports, instructions are strict			
rules of use and safety. Identify the risks and define the preventive measures throughout the maneuvers. Success Criteria: - Environmental constraints are taken into account - Risk analysis done, safety is guaranteed - The contents are mastered: Theoretical test remote pilot Through these activities the students will develop some skills of their training reference: - CP1.6: To start up a system in compliance with the procedures CP1.7: Identify the risks and define the preventive measures to be implemented CP4.1: Receiving and transmitting information This sequence will take place in several steps and will require some knowledge before		- The actors appropriate information.			
rules of use and safety. Identify the risks and define the preventive measures throughout the maneuvers. Success Criteria: - Environmental constraints are taken into account - Risk analysis done, safety is guaranteed - The contents are mastered: Theoretical test remote pilot Through these activities the students will develop some skills of their training reference: - CP1.6: To start up a system in compliance with the procedures CP1.7: Identify the risks and define the preventive measures to be implemented CP4.1: Receiving and transmitting information This sequence will take place in several steps and will require some knowledge before					
throughout the maneuvers. Success Criteria: - Environmental constraints are taken into account - Risk analysis done, safety is guaranteed - The contents are mastered: Theoretical test remote pilot Through these activities the students will develop some skills of their training reference: - CP1.6: To start up a system in compliance with the procedures CP1.7: Identify the risks and define the preventive measures to be implemented CP4.1: Receiving and transmitting information This sequence will take place in several steps and will require some knowledge before		A4: Integrate a new system: Start up a quadcopter by ensuring compliance with the			
Success Criteria: - Environmental constraints are taken into account - Risk analysis done, safety is guaranteed - The contents are mastered: Theoretical test remote pilot Through these activities the students will develop some skills of their training reference: - CP1.6: To start up a system in compliance with the procedures CP1.7: Identify the risks and define the preventive measures to be implemented CP4.1: Receiving and transmitting information This sequence will take place in several steps and will require some knowledge before		rules of use and safety. Identify the risks and define the preventive measures			
Success Criteria: - Environmental constraints are taken into account - Risk analysis done, safety is guaranteed - The contents are mastered: Theoretical test remote pilot Through these activities the students will develop some skills of their training reference: - CP1.6: To start up a system in compliance with the procedures CP1.7: Identify the risks and define the preventive measures to be implemented CP4.1: Receiving and transmitting information This sequence will take place in several steps and will require some knowledge before	•	throughout the maneuvers.			
 Environmental constraints are taken into account Risk analysis done, safety is guaranteed The contents are mastered: Theoretical test remote pilot Through these activities the students will develop some skills of their training reference: CP1.6: To start up a system in compliance with the procedures. CP1.7: Identify the risks and define the preventive measures to be implemented. CP4.1: Receiving and transmitting information This sequence will take place in several steps and will require some knowledge before 	activities				
 Risk analysis done, safety is guaranteed The contents are mastered: Theoretical test remote pilot Through these activities the students will develop some skills of their training reference: CP1.6: To start up a system in compliance with the procedures. CP1.7: Identify the risks and define the preventive measures to be implemented. CP4.1: Receiving and transmitting information This sequence will take place in several steps and will require some knowledge before 		Success Criteria:			
 The contents are mastered: Theoretical test remote pilot Through these activities the students will develop some skills of their training reference: CP1.6: To start up a system in compliance with the procedures. CP1.7: Identify the risks and define the preventive measures to be implemented. CP4.1: Receiving and transmitting information This sequence will take place in several steps and will require some knowledge before 		- Environmental constraints are taken into account			
 The contents are mastered: Theoretical test remote pilot Through these activities the students will develop some skills of their training reference: CP1.6: To start up a system in compliance with the procedures. CP1.7: Identify the risks and define the preventive measures to be implemented. CP4.1: Receiving and transmitting information This sequence will take place in several steps and will require some knowledge before 		- Risk analysis done, safety is guaranteed			
Through these activities the students will develop some skills of their training reference: - CP1.6: To start up a system in compliance with the procedures. - CP1.7: Identify the risks and define the preventive measures to be implemented. - CP4.1: Receiving and transmitting information This sequence will take place in several steps and will require some knowledge before					
reference: - CP1.6: To start up a system in compliance with the procedures CP1.7: Identify the risks and define the preventive measures to be implemented CP4.1: Receiving and transmitting information This sequence will take place in several steps and will require some knowledge before					
reference: - CP1.6: To start up a system in compliance with the procedures CP1.7: Identify the risks and define the preventive measures to be implemented CP4.1: Receiving and transmitting information This sequence will take place in several steps and will require some knowledge before		Through these activities the students will develop some skills of their training			
 - CP1.6: To start up a system in compliance with the procedures. - CP1.7: Identify the risks and define the preventive measures to be implemented. - CP4.1: Receiving and transmitting information This sequence will take place in several steps and will require some knowledge before 					
- CP1.7: Identify the risks and define the preventive measures to be implemented CP4.1: Receiving and transmitting information This sequence will take place in several steps and will require some knowledge before					
- CP4.1: Receiving and transmitting information This sequence will take place in several steps and will require some knowledge before					
This sequence will take place in several steps and will require some knowledge before					
		- CF4.1. Neceiving and transmitting information			
		This cognoned will take place in several stops and will require some knowledge before			
on the flight helpoviou of a drope (flight reachers and flight as atral)					
on the flight behavior of a drone (flight mechanics and flight control)		on the hight behavior of a drone (hight mechanics and hight control)			
		This sequence will take place in several steps and will require some knowledge before			







Step 1: Discovery of the legislation (general framework and aeromodelling).

Duration: 3h00 Working in groups of 4 to 5 students

In order to better integrate using rules of this new machine, students will have to create pictograms from a condensed version of the legislation in France. Be as clear as possible in their realization. The different groups will present their work to the rest of the class.

A poster with all the pictograms will be designed.

Step 2: Risk analysis

Duration: 1h30 Working in groups of 4 to 5 students

After taking knowledge of the rules. Depending on pre-defined flight situations (work situation), students will have to carry out a risk analysis using the PAD (Principle of Appearance of Damage); Tool seen in the course of PSE (prevention Health and Environment) and exploited for vocational activities in workshop.

Sharing of the different analytical works.

Step 3: Implementation of the work situation (flight test)

Duration: 1h00 All students are actors in the workshop

At the end of the risk analysis: students will have to prepare their intervention by implementing preventive measure previously defined in order to perform the test flight safely.

These same steps are repeated within the framework of legislation for professional activities.

Step 4: Remote pilot theoretical test

Duration: 0h30 All students

Students take their theoretical remote pilot exam. This will demonstrate their knowledge of the rules for the use of the quacopter.







Raising students' awareness of safety issues in their work and in using new equipment is a major issue for "health" (avoiding accidents).

This sequence to generate a good dynamic to work about security, often found tedious and boring, annoying although very important.

Learning outcomes

Use drone with the final objective: to make a test flight attracted a lot of interest among the students.

They have very well integrated risk analysis and the importance of prevention.

All students participated.

This activity is transposable to all the students of the section and even other professional pathways or the security approach is a necessity.

Step 1: Discovery of the legislation

Internet links:

https://www.youtube.com/watch?v=t2F1rNtfk08

http://www.developpement-durable.gouv.fr/Modeles-reduits-et-drones-de.html https://www.geoportail.gouv.fr/carte

Documentation : French regulation

Photos or other relevant material





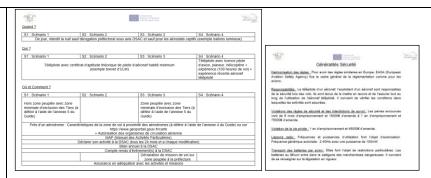


in the second	0	Funded by the Crasmon Programme of the Surspeek Union	3000
	Professionnels-Activ	vités particulières	
ourquoi ? Effectuer des mission uelles conditions ? 4 scénario	ns os possibles		
	S2 : Scénario 2 Hors zone peuplée (50 m mini d'une agglo) Sant tiers sur zone 1 km max du télépilote	S3 : Scénario 3 Zone peuplée Sans survoi de tiers Voi en vue (100m max du télépitote)	S4 : Scénario 4 Hors zone peupiée (50 m mini d'une agglo) Hors critère S1 et S2
	Hauteur de	vol ≤150m	
uoi ? Quel aéronef ?			
St : Scénario 1 Afronets : Attestation de conception si M> 28kg voir DSAC (Direction de la Sécurité de l'aviation Civile)	S2 : Scénario 2 - Aéronets : Attestation de conception voir DSAC au cas pair Cas - MsZRg : H voi s150m max et MsZRg : H yoù s50m max	S3: Scénario 3 Aérostat captif: Attestation de conception si M> 25kg voir DSAC Aérogine captif: Attestation de conception si M> 2kg voir DSAC Autres aéronefs: Attestation de conception si M> 2kg voir DSAC place aéronefs: Attestation de conception si M> 2kg voir DSAC place aéronefs: Attestation de conception si M> 2kg voir DSAC et intered til si M> 2kg voir DSAC et intered til si M> 2kg voir DSAC et intered til si M> 2kg	S4: Scinario 4 Aérores: Attestation de conception voir DSAC, interdit si M-2kg









Creating of sign in relation with aeromodeling regulation





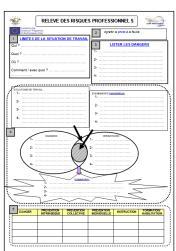
Exposed on regulation





Step 2: Risk analysis

Document : Professional risk report



Make risk list





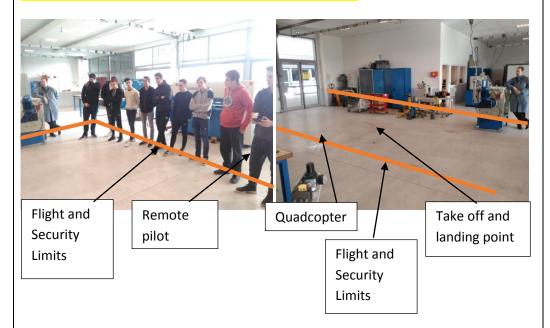




Internet Map: Geographical situation of the school and flight restriction zones



Step 3: Implementation of the work situation (flight test)



Step 4: Remote pilot theoretical test

Remote pilot theorical test

