My name is Valentin Duvivier and I was from January to June a member of the project Wing in Ground effect (WIG), that took place throughout 2020 and that treated about the effects of flying at low altitude.

In this sense I am gonna give a personal feedback on my own experience regarding this project and the context of it.

To give my context, I was due to stay for half of the project, during the more theoretical part.

Because of this, I have been defining steps of work and scaled it, considering the time I would be working actively on the project.

This educational unit looked to be the best way for me to engage myself as a part of a team acting as one on working on an aerospatial purpose.

My first intention was to acquire skills in plane modelisation. However, the course was an opportunity for me to be acclimated with the engineering process of making numerical analysis, validating them experimentally and to loop if necessary. Finally, it helped me to learn how to use CFD softwares.

On a communication aspect, we experienced a work done remotely because of the current context. This unexpected element anyway permitted me to develop a specific knowledge on my organisation, my way of scheduling my week, as well for me and for the team.

The weekly meeting we had ensured a continuity in our work thanks to the freeze sketches and presentations we had to give. Moreover it looks like the manufacturing part will have a long dedicated time to build and finish the project, which is also a good point.

It was a good experience to be part of a group self working, with few meetings with the lecturers but anyway a constant communication within the sub-groups.

Thereby, the competences of mine together with what has been seen during the project allowed me to work as well on my scientific skills and my team work. This implies to organise sub-team’s meeting, to run and prepare them as well as keeping contact with the other sub-team. In the end, achieving this I also progressed on oral expression as well as on meeting presentations.

All in all, these points show that the course provided useful skills to develop and to sharpen.

The course taught me on a theoretical aspect as well as on a more analytical

way. Moreover, to have been working with other people and keeping contact with

the other sub-teams allowed me to have more hindsight on the work achieved and

to learn from each field.

As a bachelor student, I already did a few project but it was still a very good

way for me to put a big feet on the aeronautical field, and more specifically on plane

analysis.