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# EE/RPPF

For use from May/November 2018

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Candidate personal code:

## Extended essay - Reflections on planning and progress form

**Candidate:** This form is to be completed by the candidate during the course and completion of their EE. This document records reflections on your planning and progress, and the nature of your discussions with your supervisor. You must undertake three formal reflection sessions with your supervisor: The first formal reflection session should focus on your initial ideas and how you plan to undertake your research; the interim reflection session is once a significant amount of your research has been completed, and the final session will be in the form of a viva voce once you have completed and handed in your EE. This document acts as a record in supporting the authenticity of your work. The three reflections combined must amount to no more than 500 words.

**The completion of this form is a mandatory requirement of the EE for first assessment May 2018. It must be submitted together with the completed EE for assessment under Criterion E.**

**Supervisor:** You must have three reflection sessions with each candidate, one early on in the process, an interim meeting and then the final viva voce. Other check-in sessions are permitted but do not need to be recorded on this sheet. After each reflection session candidates must record their reflections and as the supervisor you must sign and date this form.

### First reflection session

Candidate comments:

I happen to see a boy and his father playing with a toy helicopter and that made me to wonder how can he can control the height of the toy. I did a research on the internet and found out a theory relating a propeller and the force it provides. During the meeting my supervisor advised me how would I conduct the experiment. He advised me that we had a stroboscope in school which we could use to measure frequency of the helicopter also he borrowed me the equipment and teach me how to use them. I will start my experiment to get my results.

Date:

Supervisor initials:



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**Interim reflection**

Candidate comments:

I submitted the first draft and got a feedback. There are several improvements to be made. First, my analysis was weak and needed to be clearer. Also, my method needed to be easy to understand so anyone could follow it. Finally, I was advised to related my results to the rotor inflow ratio which may be found online.

Date:

Supervisor initials:

**Final reflection - Viva voce**

Candidate comments:

During this process, I learned that my time managing was bad and better to use my time more wisely. I most enjoyed conducting the experiment and finding out what I did not know before. However The most hard part was writing the essay itself I often made a huge mistake which made me rewrite the essay. If I do this again, I would manage my time more wisely and be more careful when I write my essay.

Date:

Supervisor initials:



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Supervisor comments:

**Supervisor:** By submitting this candidate work for assessment, you are taking responsibility for its authenticity. No piece of candidate work should be uploaded/submitted to the e-Coursework system if its authenticity is in doubt or if contradictory comments are added to this form. If your text in the box below raises any doubt on the authenticity of the work, this component will not be assessed.

The candidate is a Physics HL student who chose an area of interest based upon something they could relate to their childhood.

The candidate responded well to feedback and tried to implement recommendations to the best of their ability and in that respect produced a piece of work which is reflective of their ability in the subject. The whole process was very challenging for them as they had never written such a sustained and lengthy piece of work before and had not used certain specific equipment in the past. Certain issues such as keeping a constant rotational frequency for multiple readings was very difficult to control, since the remote control had a simple on and off lever. This is why there is a range in this students independent variable. What was particularly pleasing is that the candidate clearly learned from the process, the writing of this extended essay has certainly been beneficial to them.



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