**[Project name]**

**[Names of project members]**

**[Club name]**

**[Year of project launch]**

**[Summary]**

*This section should clearly and simply explain what the aims of the project were and what the results are. (~5 lines)*

**[Insert a nice picture of the rocket and the team]**

**1 Introduction** *[7-8 lines]*

- Context of the project (in a club, study project, others...)

- Number of participants & functions (mechanic, electric, info, logistics...)

- Organization of the project and the tasks to be carried out (description of the planning)

- Where did the idea of the rocket and the experiment come from?

**2 Mechanical description** *[ > 10 lines + plans + photos]*

- General overview of the rocket (shape, material for the skin, carrier skin or not...). Include a general plan with the distribution of the elements in the rocket.

- StabTraj & fin shape

- Recovery system (parachute or other system) : shape and size

- Mechanical supports for electronic boards

- Summarize each major mechanical system

**3 Electronic and computer description** *[ > 10 lines + plans + photos]*

- Overview of electronics and connections between cards (how many cards are used, how they are connected)

- The timer (what type of card: house card, arduino, others and how does it control the recovery system, takeoff detection, etc.)

- Power supply for the rocket (batteries, battery and power supply board)

- On-board recording system (if present)

- Telemetry (if present)

**4 Experience** *[ > 10 lines + calibration curves + photos + plans of the sensors]*

- Purpose of the experiment => what scientific question do you want to answer?

- What parameters are measured (pressure, temperature...)? Which measuring system? (Pitot tube, thermometer...)

- Range of estimated values before experience

- Calibration of sensors (methodology and calibration curve) and measurement errors

***PS: If sponsors support you, don't forget to thank them at the end of the document! 😉***