

Rubrics for grading Aerofoil experiment

S. No.	Chapters	Marks
Chapter 1 – Report Contents		
1	Abstract & Objectives	5
2	Theory	5
3	Procedure	5
4	Cp plots	15
5	Cl Vs AoA	5
6	Cd-pressure, skin friction, total Vs AoA (Each plot 5 marks)	15
7	Cm-LE,c/4 Vs AoA (Each plot 5 marks)	10
8	Xcp Vs AoA	5
9	Stall angle and Aerodynamic center location estimation	5
10	Error Analysis	5
11	Conclusion and Discussion	5
Chapter 2 – Checklist		
12	Comparison of experimental results with theory is given and explained	5
13	Wake Velocity profiles in a single graph	2.5
14	Trendlines and fits were used	2.5
15	Source of errors are stated	2.5
16	Figure, equation, table No. are mentioned	2.5
17	Final results mentioned in a table format	2.5
18	References (cited or uncited)	2.5
Total marks		100