

ENG H192 Lab 5: Aerodynamics and Propulsion - Lab Memo Rubric

Name:

Section (day/time):

Survey to be completed by the student (worth 2 points)		
Estimated total time spent (to nearest 0.5 hours):		1 , 0
Rate this lab (0 = worst ever ... 10 = amazing)		1 , 0
Team working agreement filled out <i>completely</i> and turned in before end of lab		2 , 0

Introduction: overall quality	6	good summary, appropriate purpose, outlines contents	3	1 of following: inappropriate purpose, poor summary, contents not outlined	0	>1 of following: inappropriate purpose, poor summary, contents not outlined
Results: overall quality	4	well-organized, thorough, objective	2	data difficult to read/find xor not objective	0	poor organization and not objective
Results: lab-specific requirements total			/ 20			
Discussion: overall quality	4	shows good understanding of concepts	2	shows need for more work on some concepts	0	shows major problems with understanding
Discussion: lab-specific requirements total			/ 20			
Summary: overall quality	6	based on data and disc., reflects the purpose of exper.	3	conclusions not supported by data or its treatment in disc, or missing summary	0	innappropriate conclusions and poor (or missing) summary

Format							
F1: placement of content							
4	all information in correct sections	3	some sections contain inappropriate information	2	some key information appears in wrong section	0	content consistently placed in wrong sections
F2: title page, font, spacing, page numbering, appendix formatting							
4	perfect	3	one error	2	two errors	0	>2 errors
Data							
F3: neatness, clarity, placement							
4	clear, easy to read/find, and appropriately placed	3	too much data in memo body, or important data not in body	2	lack of clarity/neatness makes it difficult to read	0	poorly organized or messy
F4: proper labeling, referencing, units, citation							
6	perfect	4	some improper labeling, referencing, missing units	2	consistent improper labeling or referencing	0	contains unlabelled or unreferenced figure/table(s)
Language							
F5: formal/technical level							
4	appropriate	3	some informal language or misuse of technical terms	1	consistent informal language or misuse of technical terms	0	language at an unprofessional level
F6: clarity							
4	lucid	3	some awkward language	1	portions unclear	0	portions very difficult to understand
F7: level of detail							
4	complete and concise	3	parts too wordy/vague but still get the idea across	1	detracts from the flow or ability to understand	0	major details consistently omitted
F8: spelling, punctuation, grammar, tense/person							
6	perfect	4	minor mistakes don't detract from readability	2	consistent errors detract from readability/ professionalism	0	obvious lack of proofreading

NOTE: For this lab, the lab-specific requirements are not given in detail. You are expected to determine what info, figures, tables, calculations, etc. are appropriate to include based on the lab write-up and presentation.

TOTAL:

/100

NOTE: Points for the MATLAB program and its results are included in the 20 points for the "Results: lab-specific requirements". However, if you choose to put these in Discussion instead, you will still receive credit for them.