

# Lab 3 Grading Sheet

ASE 162M - Spring 2016

Total Grade

150

Student Name: \_\_\_\_\_

Section	Comments	Grade
Free of Errors	-1 pt. ea. (max 10)	10
Good Formatting	-2 pt. ea. (max 10)	10
Abstract	Clearly and concisely written <u>Fully</u> summarizes work done and conclusions	3
Introduction	Contains 5 references with context: 5pt Contextualizes current work: 8pt Describes current work: 7pt  Egregiously extraneous information: -5pt	15
Theory	Schlieren theory: 4pt Shock-expansion theory: 4pt L & D eqn: 5pt CoP eqn: 3pt	15
Experimental Setup	Correct description of schlieren: 4pt Correct setup diagram: 4pt Description of test model: 2pt	10
Results and Discussion	3 labeled flow imgs: 3pt Similarity/differences: 2pt Viscous structures: 4pt Img distortion: 1pt  Meas vs Exp pressure: 6pt. Discussion of differences: 4pt	65
Conclusion	Summarizes work and outlines findings  Not clearly written/extraneous information: -3pt	7
References	5 references: 1pt ea.	5
Appendix	Derivation of lift and drag equations	10