

TFES Lab (ME EN 4650)
Flow Visualization: Grade Sheet*

Student Name:

Lab Section:

	Possible	Score
Figures:		
1a. Cylinder at low speed (1 snapshot + annotations)	4	
1b. Cylinder at medium speed (multiple snapshots)	4	
1c. Long flat plate at medium speed (1 snapshot + annotations)	4	
1d. Long flat plate at low & high speed (2 snapshots)	4	
1e. Airfoil at 8 deg (1 snapshot + annotations)	4	
1f. Airfoil at 0 deg, 4 deg, >8 deg (3 snapshots total, one at each angle)	4	
1g. Other (1-3 snapshots + annotation on one snapshot)	4	

Figure Captions: 2 pts per figure	14	
------------------------------------------	----	--

Short-Answer Questions:		
2a. Discuss flow phenomena for cylinder	4	
2b. Discuss limitations of dye-injection visualization technique	4	

Total: 50

* see the posted Handout for details regarding the specific requirements for each part