

AAE520 Course Projects for 2012

Groups 1-5 report Monday, Groups 6-9 on Wednesday

1. Damian Friedl and Daniel Weintraub, Visualization of flow over a delta wing in water tunnel
2. Steve Shark & Jacob Dennis, Visualization of flow over cylinder in water tunnel and compare to wake tunnel
3. Li Tan & Guillermo Pizarro, Visualization of flow past spheres in water tunnel
4. Yun Liu and S. Bhattacharya, flapping insect in high contraction and Zucrow tunnels
5. Zixiao Shi, Aerodynamics of buildings, Boeing wind tunnel
6. Allen Thomas & Fangyuan Lou, Approx. to turbine cascade problem, wake tunnel, two airfoils in line
7. Nicholas Husen and Joe Fakler, supersonic tunnel, replace shock/bl model and upgrade lab 3
8. Kurt Aikens & Jeff Rodriguez, heat jet, experiments at Mach 4 and 6
9. Henrik Rochlitz and Andrew Abney, Cone with Fin in Mach-6 Quiet Tunnel