

AAE520 Course Projects for 2013

Groups 1-3 report Monday, Groups 4-8 on Wednesday

1. Brandon Chynoweth, George Moraru and Ryan Henderson, Investigation of Fin Geometries on a 7-deg. Half-Angle Cone at Mach-6
2. Andrew Strongrich, Ted Sieffert and Logan White, Fluidic Injector in Mach 0.6 nozzle of 2-inch blowdown tunnel
3. Mounia Belmouss, Bhavini Singh and Bob Shoemaker, Airfoil at small AoA in 2-inch blowdown tunnel at Mach 3.6
4. Yujun Leng, Paint-coated thread to measure oxygen in turbulent jet mixing (with Sullivan's advising), using small nitrogen jet on bench.
5. Fei Fan, Measurements on a flapping insect-type wing in ME tunnel
6. Andreas Hieber and Takaaki Tsuchiya, Effects of Vortex Generators on a Wing at Low Reynolds Number (Boeing subsonic tunnel)
7. Juncheng Zhu and Sayan Biswas, LDV in water tunnel
8. Avinash Natarajan, Lalit Rajendran & Anthony Ronald, Relaminarization in the water tunnel