

Tentative AAE520 Course Projects for 2017

Groups 1-3 report Monday, Groups 4-7 on Wednesday

1. Phil Portoni and Adam Taber, Transition on a very slender cone at Mach 6
2. Varun Viswanathan and Mark Wason, Transition on an inverse flare at Mach 6
3. Wesly Anderson and Shangdong Yang, Transverse injection in the blowdown tunnel at supersonic speeds
4. Devahdhanush VS and Lucas O'Neill, Water tunnel measurements over a wavy wall. To be related to two-phase flow issues
5. David Boston and Adam Taylor, Wing-tip vortices in the Boeing tunnel
6. Konrad Goc and Levi Irvin, Ahmed car body in the Boeing subsonic tunnel, compare measurements to CFD from earlier courses
7. Jordan Fisher and Kyle McNeely, Oil-film skin-friction analysis using interferometry on a delta wing in the high contraction tunnel

Guillermo's office hours for the project period are MW 1420-1620 & TThF 1030-1230