

# AAE520 Course Projects for 2018

Groups 1-3 report Monday, Groups 4-6 on Wednesday

1. Alberto Marin and Javier Cortina, Shock-Wave-Boundary-Layer Interaction at a Compression Corner (Mark Wason, TA)
2. Liz Benitez and Scott Gleason, Transition on a Cone-Cylinder-Flare at Mach 6 (Josh Edelman, TA)
3. Sarah Beard and Forrest White, Hybrid Rocket Oxidizer Injector Droplet Analysis, at Zucrow with Prof. Pourpoint (Josh Edelman, TA)
4. Mitansh Tripathi and Tyler Atwater, Blended Wing Body in Boeing Tunnel (Drew Turbeville, TA)
5. Oldham Cecil, Zubin Mistry and Jonathan Nyhus, Hyperloop Model Testing for CFD Validation in Boeing tunnel (Drew Turbeville, TA)
6. Qihao Meng and Zhenyu Shen, Turbulence Reduction over Subsonic Diffusing Ramp with a Dual-Airfoil Configuration, Boeing Tunnel (Drew Turbeville, TA)