

AAE520 Course Projects for 2011

Groups 1-2 report Monday, Groups 3-6 on Wednesday

1. Andrew Pratt, Frank Prior, Dan Murzyn, Tom Finn, Boeing Tunnel, Flow-field Measurements on DBF Swept-Wing Plane incl. pressure
2. David Roe and Joubert Lucas, Aeroelastic effects on swept wing at low speed in Boeing Tunnel or high contraction tunnel
3. Warren Lamont, Jesse Roll & Giovanni Barbera, MicroUAV Forward Flight and Gust Loads with PIV in New Subsonic Tunnel at Zucrow. Also tunnel characterization
4. Ryan Luersen and Matt Louis, Compression Cone in the Mach-6 Ludwieg Tube
5. Chris Mueller and Tom Rainey, Forward-Facing Cavity in the Mach-4 Ludwieg Tube
6. Constantine Hatzis, Low Reynolds Number Operation of the Mach-2.5 Blowdown Tunnel