

AEM 313 Problem Set #9

Due: 1st Dec 2017

1. Read Smith's High Lift Aerodynamics paper.
2. Find an airfoil which exhibits Trailing Edge stall. Show the CL vs alpha curve.
3. Find an airfoil which exhibits Leading Edge stall. Show the CL vs alpha curve.
4. Determine CL_a for an AR=8 wing swept to 30 degrees. Plot CL_a versus Mach #.