



**University of Dayton**

Department of Mechanical and Aerospace Engineering

**MEE 440/AEE 521 – Flight Vehicle Performance/Dynamics**

**Homework-5**

1. Using the aircraft model that you have used for Project-1, find (Upload your matlab code.)

(a)  $\omega_{n_{SP}}, \zeta_{SP}$

(b)  $\omega_{n_{PH}}, \zeta_{PH}$

(c)  $\omega_{n_{DR}}, \zeta_{DR}$