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In [53]: runfile('/home/christian/Python Projects/Spring 2019/MAE 5510 TA/HW8.py',  
wdir='/home/christian/Python Projects/Spring 2019/MAE 5510 TA')
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```
5.24 (2.0 pts)
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delCell_bgamw (0.2 pt): -0.0528839608888888894  
delCell_bf (0.2 pt): 0.0440699674074074  
delCell_blam (0.2 pt): -0.0295001810757  
delCell_bv (0.2 pt): -0.04771023157894737  
delCell_bh (0.2 pt): -0.016903053473684208  
Cell_b (1 pt): -0.10292745961
```

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5.26 (2.0 pts)
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-----  
CL_400: 0.11555690749506524  
CL_240: 0.7155251634025772  
a0p: 0.11975414289571099  
eps_d0p: -0.024993393931227747  
Thrust: 1008.1658017024001  
delCn_p (0.5 pts): -0.006526612197597617  
delCell_p (0.5 pts): 0.0027891563702189936  
da (0.5 pts): 0.900842619092 deg  
              0.0157226697454 rad  
dr (0.5 pts): -6.96608421909 deg  
              -0.121581105594 rad
```

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5.27 (3.0 pts)
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-----  
(0.5 pts. for these three components)  
a0p: 0.17539841980399787  
eps_d0p: -0.034731142390177945  
T: 2743.125  
delCn_p (0.5 pts): 0.027797153631179027  
delCell_p (0.5 pts): 0.006163141268585303  
beta (0.5 pts): 10.9725549006 deg  
              0.191507210371 rad  
da (0.5 pts): 2.83907211332 deg  
              0.049551156079 rad  
dr (0.5 pts): 48.8517226878 deg  
              0.852623406173 rad
```

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7.3 (1.0 pt)
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-----  
(0.5 pts. for these three components)  
V_xb: 370.166631359  
V_yb: 69.4592710668  
V_zb: 134.729635533
```

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7.4 (1.0 pt)
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-----  
(0.5 pts. for these three components)  
V_xb: 188.938996193  
V_yb: 327.251940938  
V_zb: 705.129933324
```

```
7.5 (1.0 pt)
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```
-----  
(0.5 pts. for these three components)  
V_xb: 103.527618041  
V_yb: 692.820323028  
V_zb: 386.370330516
```

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In [54]:
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