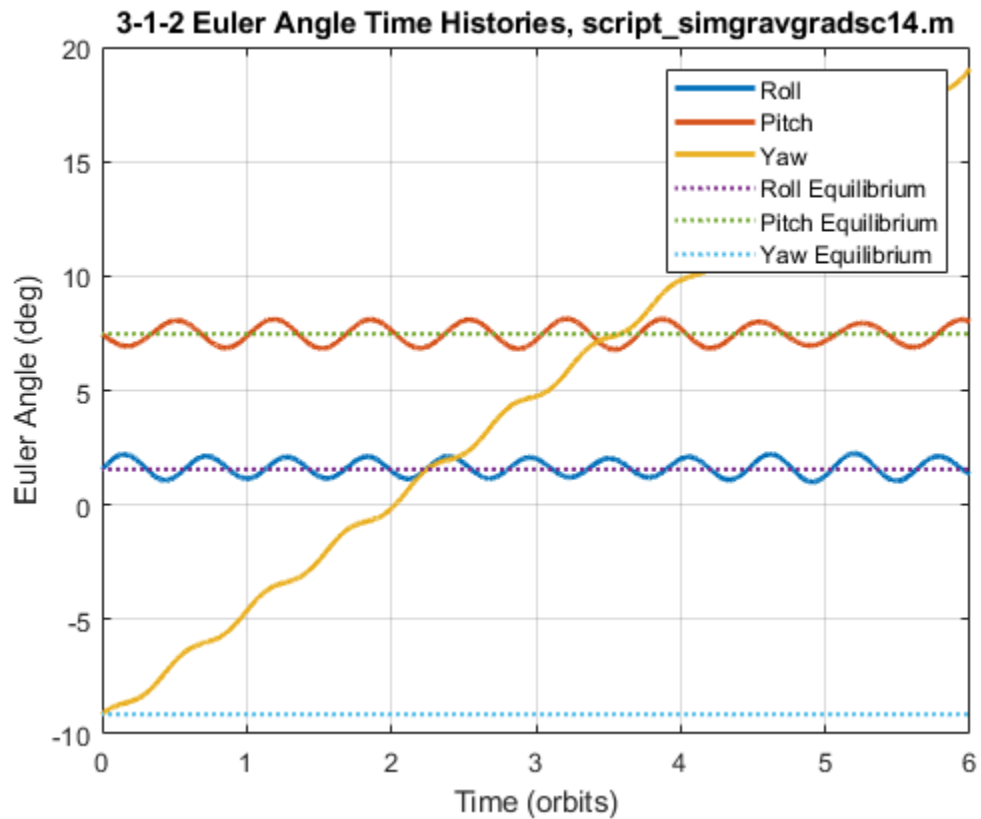

Problem 6

$x_{final} =$

```
-0.000024674605850  
0.070758815234848  
0.165798947726374  
0.983617801330580  
-0.000353720202840  
-0.000998579313148  
-0.000003710776134
```

The system is unstable, evident from diverging yaw angle



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