	Oversho ot	Rise time	Control properti es	Trajector y	Inertia	Total mass	Motor power profile	Autono my	Motor size	Battery size	Motor peak power	Battery capacity	Battery mass	Motor mass	Battery position	Motor position	Current drawn
Adapt Electrical Model							read										
Adapt MBM					read	read											
Check Autonomy								check									
Check Dynamic Response	check	check															
Check Motor Power							check										
Co-simuate controlled MBM	modify	modify		read													
Concept Design																	
Create MBM																	
Create electical model																	
Design PID			modify														
Mechanical Design					modify								read	read	modify	modify	
Process Mech Design					modify	modify											
Select Battery										modify		modify	modify				
Select Motor							read		modify		modify			modify			
Simulate Electrical Model								modify									modify