



AEROPower ENGINE CHECK LIST

ITEM	ACTION OR VALUE
<i>Before Engine Start</i>	
A. Coolant level check	2/3 of height in expansion tank
B. Engine oil level check	Upper level on dipstick
C. Gearbox check	Control oil level and feel gear backlash
D. Throttle command check	Should move free - Set to idle position
E. Turn On master relay	Main fuel pump must run for few seconds
F. Turn On kill switch A and B	
G. Battery charge check	Start possible if 11.5volt
H. Start the engine	If does not start switch On aux fuel pump
<i>Before Take-Off</i>	
1. Engine warm up until engine oil >50°C	Keep throttle command to idle position
2. ECU check	Move engine rev's to 2700 rpm
3. Turn Off kill switch A and then turn On	Engine rev's drop below 100
4. Turn Off kill switch B and then turn On	Engine rev's drop below 100
5. Turn Off master relay and then turn On	Engine must continue to run
7. Check engine parameter	Engine oil press >1bar, fuel press>3.3bar
6. Aux fuel pump turn On	Fuel pressure rise 0.1bar
8. Full power check	Engine must rise expected rev's
<i>Before Engine Stop</i>	
α. Throttle command to idle	
β. Turn Off kill switch B	
γ. Turn Off kill switch A	
δ. Turn Off master relay	

If in doubt, don't fly!