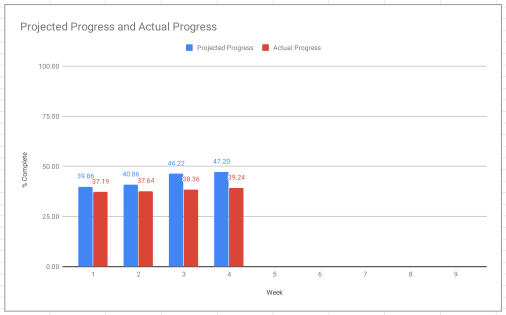
Task / Item	In Progress Projected (%)	In Progress Actual (%)	Complete	Dependencies
Motor Spinning in Dyno Room	100.00%	100.00%	No	Motor Purchased Motor Controller Purchased Pulley / Shaft Fabricated Motor Installed in Motor Mount MCS Installed in Fixture Pulley / Shaft Connected to Motor
Motor Purchased	100.00%	100.00%	Yes	
Motor Controller Purchased	100.00%	100.00%	Yes	
Motor Controller Connected to TSI, Cooling, and Motor in Dyno Room	100.00%	83.33%	No	Motor Controller Purchased MCS / TSI / Cooling Fixture Fabricated TSI Board Complete TSI Mounting Plate Complete
Motor Mount Fabricated	100.00%	100.00%	Yes	
Motor Installed in Motor Mount in Dyno Room	100.00%	100.00%	Yes	Motor Purchased Motor Mount Fabricated
Pulley / Shaft Fabricated	100.00%	100.00%	Yes	
Pulley / Shaft Connected to Motor and Mounted in Dyno Room	100.00%	100.00%	No	Motor Purchased Pulley / Shaft Fabricated
MCS / TSI / Cooling Fixture Fabricated	100.00%	100.00%	Yes	
Car Motor Mount Fabricated and Installed on Frame	25.00%	0.00%	No	Frame Purchased
Motor Installed in Car Motor Mount	25.00%	0.00%	No	Car Motor Mount Fabricated and Installed on Frame
Motor Spinning in Car	12.50%	0.00%	No	Motor Spinning in Dyno Room Motor Installed in Car Motor Mount Motor Controller Connected to TSI, Cooling, and Motor in Car TSI Enclosure Mounted on Car Motor Connected to TSV Packs
Motor Controller Connected to TSI, Cooling, and Motor in Car	37.50%	16.67%	No	Motor Controller Connected to TSI, Cooling, and Motor in Dyno Room Motor Controller Installed in TSI Enclosure TSI Enclosure Fabricated
MCS Installed in TSI Enclosure	20.00%	0.00%	No	TSI Enclosure Fabricated
Frame Purchased	66.67%	50.00%	No	
Body Manufactured and Mounted on Frame	0.00%	0.00%	No	Frame Purchased
Seat and Seatbelt Purchased and Installed in Car	14.29%	0.00%	No	Frame Purchased
Firewalls Fabricated and Installed in Car	25.00%	0.00%	No	Frame Purchased
Pedal Cluster Fabricated	0.00%	0.00%	No	
Pedal Mounting Plate Manufactured	0.00%	0.00%	No	
Pedal Cluster Installed in Car	0.00%	0.00%	No	Pedal Cluster Fabricated Pedal Mounting Plate Manufactured
Differential Purchased	0.00%	0.00%	No	
Differential Integrated with Motor and Wheels	0.00%	0.00%	No	Wheels Mounted on Car Motor Installed in Car Motor Mount
Wheels Acquired	0.00%	0.00%	No	
Wheels Mounted on Car	0.00%	0.00%	No	Frame Purchased Wheels Acquired
Drivetrain Manufactured	0.00%	0.00%	No	
Drivetrain Integrated on Car	50.00%	0.00%	No	Drivetrain Manufactured Frame Purchased
GLV Board Manufactured	100.00%	100.00%	Yes	
GLV Mounting Plate Manufactured	100.00%	100.00%	Yes	
Safety Loop Testing Panel Mounted in Dyno Room Rack	100.00%	100.00%	Yes	
Safety Loop Functional in Dyno Room	100.00%	100.00%	Yes	GLV Board Manufactured
GLV Enclosure Manufactured	33.33%	0.00%	No	
GLV Enclosure Mounted on Car	33.33%	0.00%	No	GLV Enclosure Manufactured
Safety Loop Integrated on Car	0.00%	0.00%	No	Safety Loop Functional in Dyno Room
TSI Board Manufactured	100.00%	92.31%	No	
TSI Mounting Plate Manufactured	100.00%	100.00%	Yes	
TSI Throttle / Brake Control Panel Manufactured	100.00%	100.00%	Yes	TSI Board Manufactured TSI Mounting Plate Manufactured
TSI Enclosure Manufactured	20.00%	0.00%	No	
TSI Enclosure Mounted on Car	0.00%	0.00%	No	TSI Enclosure Manufactured
TSI Integrated with Throttle / Brake Control on Car	0.00%	0.00%	No	TSI Enclosure Mounted on Car TSI Throttle / Brake Control Manufactured
Cooling Loop Filled with Water and Tested For Leaks	100.00%	100.00%	Yes	
Cooling System Mounted on Fixture in Dyno Room	100.00%	100.00%	Yes	MCS / TSI / Cooling Fixture Fabricated
Cooling System Connected to MCS and Motor in Dyno Room	100.00%	100.00%	Yes	MCS / TSI / Cooling Fixture Fabricated
Cooling System Connected to TSI in Dyno Room	100.00%	80.00%	No	
Cooling Enclosure Manufactured	20.00%	0.00%	No	
Cooling System Mounted on Car	0.00%	0.00%	No	Cooling Enclosure Manufactured
Cooling System Connected to TSI on Car	0.00%	0.00%	No	Cooling System Mounted on Car TSI Enclosure Mounted on Car
TSV Packs Manufactured	0.00%	0.00%	No	
TSV Packs Connected to Motor Controller in Dyno Room	0.00%	0.00%	No	
TSV CellMan Boards Fabricated	55.00%	33.00%	No	
TSV SegMan Boards Fabricated	42.86%	14.29%	No	
TSV PackMan Boards Fabricated	62.50%	37.50%	No	
TSV Powering Motor via Motor Controller in Dyno	0.00%	0.00%	No	TSV Packs Manufactured PackMan Boards Fabricated CellMan Boards Fabricated SegMan Boards Fabricated
SCADA Recording Data and Writing to a File	100.00%	71.43%	No	
SCADA Displaying Data to Rack Monitor in Dyno Room	75.00%	75.00%	No	
SCADA Communicating with GLV in Dyno Room	100.00%	100.00%	Yes	GLV Board and Mounting Plate Integrated
SCADA Communicating with TSI in Dyno Room	75.00%	75.00%	No	TSI Board and Mounting Plate Integrated
SCADA Communicating with Motor Controller in Dyno Room	100.00%	75.00%	No	
SCADA Communicating with TSV in Dyno Room	0.00%	0.00%	No	
SCADA Displaying Data to GLV Screen	0.00%	0.00%	No	
SCADA Communicating with GLV on Car	0.00%	0.00%	No	GLV Enclosure Mounted on Car
SCADA Communicating with TSI on Car	0.00%	0.00%	No	TSI Enclosure Mounted on Car
SCADA Communicating with Motor Controller on Car	0.00%	0.00%	No	
SCADA Communicating with TSV on Car	0.00%	0.00%	No	
All Connecting Wires Produced with Correct Connector Types	100.00%	100.00%	Yes	
Dyno Room Testing Plan Complete	100.00%	100.00%	Yes	
Dyno Room Wiring Diagram Complete	100.00%	100.00%	Yes	
All Subsystems fully wired in Dyno Room	100.00%	100.00%	Yes	
All Tests According to Test Plan Run in Dyno Room	100.00%	0.00%	No	
Car Testing Plan Complete	0.00%	0.00%	No	
Car Wiring Diagram Complete	0.00%	0.00%	No	
All Subsystems Fully Wired on Car	0.00%	0.00%	No	
All Tests According to Test Plan Run on Car	0.00%	0.00%	No	
	47.20%	39.24%		

Weekly Progress Chart

Week	Projected Progress	Actual Progress
1	39.86	37.19
2	40.86	37.64
3	46.22	38.36
4	47.20	39.24
5		
6		
7		
8		
9		



Integration Task	Related WBS Items	In Progress WBS Items	Projected Completion (%)	Completed WBS Items	Actual Completion (%)
Car Motor Mount Fabricated and Installed on Frame	Frame Purchased	Frame Purchased	25.00%	None	0.00%
	Frame Delivered to Lafayette				
	Motor Mount Design Submitted to Machine Shop and Approved				
	Motor Mount Mounted on Frame of Car				
Motor Installed in Car Motor Mount	Frame Purchased	Frame Purchased	25.00%	None	0.00%
	Frame Delivered to Lafayette				
	Motor Mount Design Submitted to Machine Shop and Approved				
	Motor Mount Mounted on Frame of Car				
	Motor Installed in Motor Mount				
Motor Spinning In Car	TEST.1.3 - Tests performed on motor according to testing plan	Frame Purchased	12.50%	None	0.00%
	TEST.1.4 - Testing Analysis of Motor Testing Data complete and submitted	TSI.2.1 - Enclosure Designed, Approved, and Submitted to Machine Shop			
	TEST.6.3 - Tests performed on Full Dyno according to testing plan				
	TEST.6.4 - Testing Analysis of Full Dyno Testing Data complete and submitted				
	Frame Purchased				
	Frame Delivered to Lafayette				
	Motor Mount Design Submitted to Machine Shop and Approved				
	Motor Mount Mounted on Frame of Car				
	Motor Installed in Motor Mount				
	TSI.2.1 - Enclosure Designed, Approved, and Submitted to Machine Shop				
	TSI.2.2 - Enclosure Parts and Materials Acquired				
	TSI.2.3 - Enclosure Assembled				
	TSI.2.4 - TSI Mounting Plate Drawing Submitted to Shop				
	TSI.2.5 - Mounting Plate Fabricated and Acquired				
	All TSV Tasks				
	All TSV & Motor Controller Interconnection Tasks				
Motor Controller Connected to TSI, Cooling, and Motor in Car	TSI.1.1 - TSI Block Diagram Delivered and Approved	TSI.1.3 - TSI PCB Layout Complete and Approved	37.50%	TSI.1.1 - TSI Block Diagram Delivered and Approved	16.67%
	TSI.1.2 - TSI Circuit Schematic Delivered and Approved	TSI.1.4 - TSI PCB BoM Purchase Order Approved and Purchased		TSI.1.2 - TSI Circuit Schematic Delivered and Approved	
	TSI.1.3 - TSI PCB Layout Complete and Approved	TSI.1.5 - TSI PCB Purchased and Delivered		TSI.1.11 - TSI Mounting Plate Mechanical Drawing Submitted	
	TSI.1.4 - TSI PCB BoM Purchase Order Approved and Purchased	TSI.2.1 - Enclosure Designed, Approved, and Submitted to Machine Shop		TSI.1.12 - TSI Mounting Plate BoM Purchase Order Approved and Purchased	
	TSI.1.5 - TSI PCB Purchased and Delivered	Frame Purchased			
	TSI.1.6 - TSI PCB Populated and Verified				
	TSI.1.7 - IMD Installed on TSI PCB				
	TSI.1.8 - Precharge Circuitry Incorporated				
	TSI.1.10 - TSI PCB Debugged and Complete				
	TSI.1.11 - TSI Mounting Plate Mechanical Drawing Submitted				
	TSI.1.12 - TSI Mounting Plate BoM Purchase Order Approved and Purchased				
	TSI.1.13 - TSI Base Plate Fabricated, Wired, and Populated				
	TSI.1.14 - TSI Base Plate Installed in DYNO Room				
	TSI.2.1 - Enclosure Designed, Approved, and Submitted to Machine Shop				
	TSI.2.2 - Enclosure Parts and Materials Acquired				
	TSI.2.3 - Enclosure Assembled				
	TSI.2.4 - TSI Mounting Plate Drawing Submitted to Shop				
	TSI.2.5 - Mounting Plate Fabricated and Acquired				
	Frame Purchased				
	Frame Delivered to Lafayette				
	Motor Mount Design Submitted to Machine Shop and Approved				
	Motor Mount Mounted on Frame of Car				
	Motor Installed in Motor Mount				
	Cooling System Installed in Car				
Seat and Seatbelt Purchased and Installed in Car	Frame Purchased	Frame Purchased	14.29%	None	0.00%
	Frame Delivered to Lafayette				
	Seat Purchased				
	Seatbelt Purchased				
	Seat Delivered to Lafayette				
	Seatbelt Delivered to Lafayette				
	Seat & Seatbelt Installed in Car				
Firewalls Fabricated and Installed in Car	Frame Purchased	Frame Purchased	25.00%	None	0.00%
	Frame Delivered to Lafayette				
	Firewalls Fabricated				
	Firewalls Installed in Car				
Pedal Cluster Fabricated	Pedal Cluster Mechanical Drawings Submitted to Machine Shop for Approval	None	0.00%	None	0.00%
	Pedal Cluster Manufacture Completed by Machine Shop				
	Pedals Purchase Order Submitted and Approved				
Pedal Mounting Plate Manufactured	Pedal Mounting Plate Mechanical Drawing Submitted to Machine Shop for Approval	None	0.00%	None	0.00%
	Pedal Mounting Plate Manufacuted by Machine Shop				
Pedal Cluster Installed in Car	Pedal Cluster Mechanical Drawings Submitted to Machine Shop for Approval	None	0.00%	None	0.00%
	Pedal Cluster Manufacture Completed by Machine Shop				
	Pedals Purchase Order Submitted and Approved				
	Pedal Mounting Plate Mechanical Drawing Submitted to Machine Shop for Approval				
	Pedal Mounting Plate Manufacuted by Machine Shop				
	Pedal Cluster Installed in Car				
	Pedal Mounting Plate Installed in Car				
Differential Integrated with Motor and Wheels	Differential Purchase Order Submitted and Approved	None	0.00%	None	0.00%
	Differential Delivered to Lafayette				
	Frame Purchased				
	Frame Delivered to Lafayette				
	Differential Installed in Car				
Wheels Mounted on Car	Wheels Purchase Order Submitted and Approved	None	0.00%	None	0.00%
	Wheels Delivered to Lafayette				
	Frame Purchased				
	Frame Delivered to Lafayette				
	Wheels Installed on Car				
Drivetrain Integrated into Car	Drivetrain Mechanical Design Submitted and Approved	Drivetrain Mechanical Design Submitted and Approved	50.00%	None	0.00%
	Drivetrain Mechanical Design Sent to Machine Shop for Manufacture	Drivetrain Mechanical Design Sent to Machine Shop for Manufacture			
	Drivetrain Manufacture Complete by Machine Shop	Frame Purchased			
	Frame Purchased				
	Frame Delivered to Lafayette				
	Drivetrain Installed on Car				
GLV Enclosure Mounted on Car	GLV.2.1 - Enclosure Designed, Approved, and Submitted to Machine Shop	GLV.2.1 - Enclosure Designed, Approved, and Submitted to Machine Shop	33.33%	None	0.00%
	GLV.2.2 - Enclosure Parts Acquired	Frame Purchased			
	GLV.2.3 - Enclosure Assembled				
	Frame Purchased				
	Frame Delivered to Lafayette				
	GLV Enclosure Mounted on Car				
Safety Loop Integrated on Car	GLV Board Manufactured	GLV Board Manufactured	44.44%	GLV Safety Loop Functional in Dyno Room	11.11%
	GLV Safety Loop Functional in Dyno Room	GLV.2.1 - Enclosure Designed, Approved, and Submitted to Machine Shop			
	GLV.2.1 - Enclosure Designed, Approved, and Submitted to Machine Shop	Frame Purchased			
	GLV.2.2 - Enclosure Parts Acquired				
	GLV.2.3 - Enclosure Assembled				
	Frame Purchased				
	Frame Delivered to Lafayette				
	Safety Loop Tested on Car				
	Safety Loop Verified to Break At All Necessary Locations on Car				
TSI Enclosure Mounted on Car	TSI.2.1 - Enclosure Designed, Approved, and Submitted to Machine Shop	TSI.2.1 - Enclosure Designed, Approved, and Submitted to Machine Shop	50.00%	TSI.2.4 - TSI Mounting Plate Drawing Submitted to Shop	25.00%
	TSI.2.2 - Enclosure Parts and Materials Acquired	Frame Purchased		TSI.2.5 - Mounting Plate Fabricated and Acquired	
	TSI.2.3 - Enclosure Assembled				
	TSI.2.4 - TSI Mounting Plate Drawing Submitted to Shop				
	TSI.2.5 - Mounting Plate Fabricated and Acquired				
	Frame Purchased				
	Frame Delivered to Lafayette				
	TSI Enclosure Mounted on Car				
TSI Integrated with Throttle / Brake Control on Car	TSI.2.1 - Enclosure Designed, Approved, and Submitted to Machine Shop	TSI.2.1 - Enclosure Designed, Approved, and Submitted to Machine Shop	44.44%	TSI.2.4 - TSI Mounting Plate Drawing Submitted to Shop	22.22%
	TSI.2.2 - Enclosure Parts and Materials Acquired	Frame Purchased		TSI.2.5 - Mounting Plate Fabricated and Acquired	
	TSI.2.3 - Enclosure Assembled				
	TSI.2.4 - TSI Mounting Plate Drawing Submitted to Shop				
	TSI.2.5 - Mounting Plate Fabricated and Acquired				
	Frame Purchased				
	Frame Delivered to Lafayette				
	TSI Mounted on Car				
	Pedal Cluster Installed on Car				
Cooling System Mounted on Car	COOL.1.1 - Enclosure Designed, Approved, and Submitted to Machine Shop	Frame Purchased	14.29%	None	0.00%
	COOL.1.2 - Enclosure Parts Acquired				
	COOL.1.3 - Enclosure Assembled				
	COOL.2.1 - Enclosure Installed on Car				
	COOL.2.2 - Cables Connected				
	Frame Purchased				
	Frame Delivered to Lafayette				
Cooling System Connected to TSI on Car	COOL.1.1 - Enclosure Designed, Approved, and Submitted to Machine Shop	Frame Purchased	30.77%	TSI.2.4 - TSI Mounting Plate Drawing Submitted to Shop	15.38%
	COOL.1.2 - Enclosure Parts Acquired	TSI.2.1 - Enclosure Designed, Approved, and Submitted to Machine Shop		TSI.2.5 - Mounting Plate Fabricated and Acquired	
	COOL.1.3 - Enclosure Assembled				
	COOL.2.1 - Enclosure Installed on Car				
	COOL.2.2 - Cables Connected				
	Frame Purchased				
	Frame Delivered to Lafayette				
	TSI.2.1 - Enclosure Designed, Approved, and Submitted to Machine Shop				
	TSI.2.2 - Enclosure Parts and Materials Acquired				
	TSI.2.3 - Enclosure Assembled				
	TSI.2.4 - TSI Mounting Plate Drawing Submitted to Shop				
	TSI.2.5 - Mounting Plate Fabricated and Acquired				
	TSI Mounted on Car				

Integration Task	Related WBS Items	In Progress WBS Items	Projected Completion (%)	Completed WBS Items	Actual Completion (%)
Motor Spinning in Dyno Room	PART.4.1 - Motor Controller Purchase Order Submitted	None	75.00%	PART.4.1 - Motor Controller Purchase Order Submitted	75.00%
	PART.4.2 - Motor Controller Acquired			PART.4.2 - Motor Controller Acquired	
	PART.5.1 - Motor Purchase Order Submitted			PART.5.1 - Motor Purchase Order Submitted	
	PART.5.2 - Motor Acquired			PART.5.2 - Motor Acquired	
	PART.5.3 - Motor Mounted in Motor Mount			PART.5.3 - Motor Mounted in Motor Mount	
	PART.6.1 - Motor / Pulley Connected			PART.6.3 - Motor Controller Connected to Motor	
	PART.6.2 - Pulley Connected to Dyno Belt				
	PART.6.3 - Motor Controller Connected to Motor				
Motor Purchased	PART.5.1 - Motor Purchase Order Submitted	None	100.00%	PART.5.1 - Motor Purchase Order Submitted	100.00%
	PART.5.2 - Motor Acquired			PART.5.2 - Motor Acquired	
Motor Controller Purchased	PART.4.1 - Motor Controller Purchase Order Submitted	None	100.00%	PART.4.1 - Motor Controller Purchase Order Submitted	100.00%
	PART.4.2 - Motor Controller Acquired			PART.4.2 - Motor Controller Acquired	
Motor Controller Connected to TSI, Cooling, and Motor in Dyno Room	PART.4.1 - Motor Controller Purchase Order Submitted	TSI.1 - TSI Board Delivered	100.00%	PART.4.1 - Motor Controller Purchase Order Submitted	83.33%
	PART.4.2 - Motor Controller Acquired			PART.4.2 - Motor Controller Acquired	
	TSI.1 - TSI Board Delivered			COOL.2.3 - Cooling System Mounted in Dyno Room	
	COOL.2.3 - Cooling System Mounted in Dyno Room			COOL.3.1 - Cooling System Connected to MCS	
	COOL.3.1 - Cooling System Connected to MCS			COOL.3.3 - Cooling System Moving Water to All Connected Systems	
	COOL.3.3 - Cooling System Moving Water to All Connected Systems				
Motor Mount Fabricated	PART.1.1 - Motor Mount Mechanical Drawing Submitted to Machine Shop and Accepted		100.00%	PART.1.1 - Motor Mount Mechanical Drawing Submitted to Machine Shop and Accepted	100.00%
	PART.1.2 - Motor Mount Fabricated			PART.1.2 - Motor Mount Fabricated	
	PART.1.3 - Motor Mount Secured in Dyno Room			PART.1.3 - Motor Mount Secured in Dyno Room	
Motor Installed in Motor Mount in Dyno Room	PART.1.1 - Motor Mount Mechanical Drawing Submitted to Machine Shop and Accepted		100.00%	PART.1.1 - Motor Mount Mechanical Drawing Submitted to Machine Shop and Accepted	100.00%
	PART.1.2 - Motor Mount Fabricated			PART.1.2 - Motor Mount Fabricated	
	PART.1.3 - Motor Mount Secured in Dyno Room			PART.1.3 - Motor Mount Secured in Dyno Room	
	PART.5.1 - Motor Purchase Order Submitted			PART.5.1 - Motor Purchase Order Submitted	
	PART.5.2 - Motor Acquired			PART.5.2 - Motor Acquired	
	PART.5.3 - Motor Mounted in Motor Mount			PART.5.3 - Motor Mounted in Motor Mount	
Pulley / Shaft Fabricated	PART.2.1 - Pulley Mechanical Drawing Submitted		100.00%	PART.2.1 - Pulley Mechanical Drawing Submitted	100.00%
	PART.2.2 - Shaft Drawing Submitted			PART.2.2 - Shaft Drawing Submitted	
	PART.2.3 - Pulley Manufactured / Purchased			PART.2.3 - Pulley Manufactured / Purchased	
	PART.2.4 - Shaft Manufactured / Purchased			PART.2.4 - Shaft Manufactured	
	PART.2.5 - Pulley System Mounted in Dyno Room			PART.2.5 - Pulley System Mounted in Dyno Room	
Pulley / Shaft Connected to Motor and Mounted in Dyno Room	PART.1.1 - Motor Mount Mechanical Drawing Submitted to Machine Shop and Accepted		100.00%	PART.1.1 - Motor Mount Mechanical Drawing Submitted to Machine Shop and Accepted	100.00%
	PART.1.2 - Motor Mount Fabricated			PART.1.2 - Motor Mount Fabricated	
	PART.1.3 - Motor Mount Secured in Dyno Room			PART.1.3 - Motor Mount Secured in Dyno Room	
	PART.5.1 - Motor Purchase Order Submitted			PART.2.1 - Pulley Mechanical Drawing Submitted	
	PART.5.2 - Motor Acquired			PART.2.3 - Pulley Manufactured / Purchased	
	PART.5.3 - Motor Mounted in Motor Mount			PART.2.2 - Shaft Drawing Submitted	
	PART.2.1 - Pulley Mechanical Drawing Submitted			PART.2.4 - Shaft Manufactured	
	PART.2.2 - Shaft Drawing Submitted			PART.5.1 - Motor Purchase Order Submitted	
	PART.2.3 - Pulley Manufactured / Purchased			PART.5.2 - Motor Acquired	
	PART.2.4 - Shaft Manufactured / Purchased			PART.5.3 - Motor Mounted in Motor Mount	
	PART.2.5 - Pulley System Mounted in Dyno Room			PART.2.5 - Pulley System Mounted in Dyno Room	
MCS / TSI / Cooling Fixture Fabricated	PART.3.1 - Fixture Mechanical Drawing Submitted to Machine Shop		100.00%	PART.3.1 - Fixture Mechanical Drawing Submitted to Machine Shop	100.00%
	PART.3.2 - Fixture Fabricated			PART.3.2 - Fixture Fabricated	
	PART.3.3 - Fixture Mounted in Dyno Room			PART.3.3 - Fixture Mounted in Dyno Room	
Frame Purchased	Frame Deisgn Internally Approved by Team	Frame Purchase Order Submitted and Approved	66.67%	Frame Deisgn Internally Approved by Team	50.00%
	Frame Submitted to Manufacturer for Review			Frame Submitted to Manufacturer for Review	
	Frame Approved by Manufacturer			Frame Approved by Manufacturer	
	Frame Manufacture Complete				
	Frame Purchase Order Submitted and Approved				
	Frame Delivered to Lafayette College				
Body Manufactured and Mounted on Frame	Body Design Submitted and Approved	None	0.00%	None	0.00%
	Body Submitted to Machine Shop for Manufacture				
	Body Copmleteld Manufacture				
	Body Mounted on Frame				
Differential Purchased	Differential Purchase Order Submitted and Approved	None	0.00%	None	0.00%
	Differential Delivered to Lafayette				
Wheels Acquired	Wheels Purchase Order Submitted and Approved	None	0.00%	None	0.00%
	Wheels Delivered to Lafayette				
Drivetrain Manufactured	Drivetrain Design Reviewed by Team	None	0.00%	None	0.00%
	Drivetrain Submitted to Machine Shop for Approval				
	Drivetrain Manufacture Complete by Machine Shop				

Integration Task	Related WBS Items	In Progress WBS Items	Projected Completion (%)	Completed WBS Items	Actual Completion (%)
GLV Board Manufactured	GLV.1.1 - GLV BoB Circuit Schematic Complete		100.00%	GLV.1.1 - GLV BoB Circuit Schematic Complete	100.00%
	GLV.1.2 - GLV BoB PCB Layout Complete and Approved			GLV.1.2 - GLV BoB PCB Layout Complete and Approved	
	GLV.1.3 - GLV BoB PCB Purchase Order Approved and Submitted			GLV.1.3 - GLV BoB PCB Purchase Order Approved and Submitted	
	GLV.1.4 - GLV BoB Acquired			GLV.1.4 - GLV BoB Acquired	
	GLV.1.5 - GLV BoB Mount Mechanical Drawing Submitted to Machine Shop			GLV.1.5 - GLV BoB Mount Mechanical Drawing Submitted to Machine Shop	
	GLV.1.6 - GLV BoB Mount Fabricated			GLV.1.6 - GLV BoB Mount Fabricated	
	GLV.1.7 - GLV BoB Installed on Mount in Rack in Dyno Room			GLV.1.7 - GLV BoB Installed on Mount in Rack in Dyno Room	
GLV Mounting Plate Manufactured	GLV.1.5 - GLV BoB Mount Mechanical Drawing Submitted to Machine Shop		100.00%	GLV.1.5 - GLV BoB Mount Mechanical Drawing Submitted to Machine Shop	100.00%
	GLV.1.6 - GLV BoB Mount Fabricated			GLV.1.6 - GLV BoB Mount Fabricated	
	GLV.1.7 - GLV BoB Installed on Mount in Rack in Dyno Room			GLV.1.7 - GLV BoB Installed on Mount in Rack in Dyno Room	
Safety Loop Testing Panel Mounted in Dyno Room Rack	GLV.2.1 - Left Side Panel Block Diagram Delivered		100.00%	GLV.2.1 - Left Side Panel Block Diagram Delivered	100.00%
	GLV.2.2 - Left Side Panel BoM Purchase Order Approved and Purchased			GLV.2.2 - Left Side Panel BoM Purchase Order Approved and Purchased	
	GLV.2.3 - Left Side Panel Mechanical Drawing Submitted to Machine Shop			GLV.2.3 - Left Side Panel Mechanical Drawing Submitted to Machine Shop	
	GLV.2.4 - Left Side Panel Fabricated and Wired with Needed Buttons / Switches			GLV.2.4 - Left Side Panel Fabricated and Wired with Needed Buttons / Switches	
	GLV.2.5 - Right Side Panel Block Diagram Delivered			GLV.2.5 - Right Side Panel Block Diagram Delivered	
	GLV.2.6 - Right Side Panel BoM Purchase Order Approved and Purchased			GLV.2.6 - Right Side Panel BoM Purchase Order Approved and Purchased	
	GLV.2.7 - Right Side Panel Mechanical Drawing Submitted to Machine Shop			GLV.2.7 - Right Side Panel Mechanical Drawing Submitted to Machine Shop	
	GLV.2.8 - Right Side Panel Fabricated and Wired with Needed Buttons / Switches			GLV.2.8 - Right Side Panel Fabricated and Wired with Needed Buttons / Switches	
	GLV.2.9 - Left Side Panel Installed in Dyno Room			GLV.6.1 - Dashboard Panel Block Diagram Delivered	
	GLV.2.10 - Right Side Panel Installed in Dyno Room			GLV.6.2 - Dashboard Panel BoM Purchase Order Approved and Purchased	
	GLV.3.1 - Dyno Safety Loop Block Diagram Complete and Submitted			GLV.6.3 - Dashboard Panel Mechanical Drawing Submitted to Machine Shop	
	GLV.3.2 - Dyno Power Supply Safety Loop On/Off Mechanism Delivered			GLV.6.4 - Dashboard Panel Fabricated and Wired with Needed Buttons / Switches	
	GLV.3.3 - Left Side Panel Connected to GLV In Dyno Room			GLV.2.9 - Left Side Panel Installed in Dyno Room	
	GLV.3.4 - Right Side Panel Connected to GLV In Dyno Room			GLV.2.10 - Right Side Panel Installed in Dyno Room	
	GLV.3.5 - Dyno Power Supply Connected to GLV Safety Loop			GLV.3.1 - Dyno Safety Loop Block Diagram Complete and Submitted	
	GLV.6.1 - Dashboard Panel Block Diagram Delivered			GLV.3.2 - Dyno Power Supply Safety Loop On/Off Mechanism Delivered	
	GLV.6.2 - Dashboard Panel BoM Purchase Order Approved and Purchased			GLV.3.3 - Left Side Panel Connected to GLV In Dyno Room	
	GLV.6.3 - Dashboard Panel Mechanical Drawing Submitted to Machine Shop			GLV.3.4 - Right Side Panel Connected to GLV In Dyno Room	
	GLV.6.4 - Dashboard Panel Fabricated and Wired with Needed Buttons / Switches			GLV.3.5 - Dyno Power Supply Connected to GLV Safety Loop	
	GLV.6.5 - Dashboard Panel Installed in Dyno Room			GLV.6.5 - Dashboard Panel Installed in Dyno Room	
Safety Loop Functional In Dyno Room	GLV.3.6 - Demo of Left Side Panel Closing / Opening Safety Loop		100.00%	GLV.3.6 - Demo of Left Side Panel Closing / Opening Safety Loop	100.00%
	GLV.3.7 - Demo of Right Side Panel Closing / Opening Safety Loop			GLV.3.7 - Demo of Right Side Panel Closing / Opening Safety Loop	
	GLV.3.8 - Demo of Safety Loop shutting off the Dyno Power Supply from Safe Distance			GLV.3.8 - Demo of Safety Loop shutting off the Dyno Power Supply from Safe Distance	
	GLV.3.9 - Demo of Dashboard Panel Closing / Opening Safety Loop			GLV.3.9 - Demo of Dashboard Panel Closing / Opening Safety Loop	
	GLV.3.10 - Demo of Dashboard Panel Putting Car / Dyno into Drive Mode			GLV.3.10 - Demo of Dashboard Panel Putting Car / Dyno into Drive Mode	
	GLV.4.8 - GLV and Safety Loop Connected			GLV.4.8 - GLV and Safety Loop Connected	
GLV Enclosure Manufactured	GLV.2.1 - Enclosure Designed, Approved, and Submitted to Machine Shop	GLV.2.1 - Enclosure Designed, Approved, and Submitted to Machine Shop	33.33%	None	0.00%
	GLV.2.2 - Enclosure Parts Acquired				
	GLV.2.3 - Enclosure Assembled				

Integration Task	Related WBS Items	In Progress WBS Items	Projected Completion (%)	Completed WBS Items	Actual Completion (%)
TSI Board Manufactured	TSI.1.1 - TSI Block Diagram Delivered and Approved	TSI.1.4 - TSI PCB BoM Purchase Order Approved and Purchased	38.46%	TSI.1.1 - TSI Block Diagram Delivered and Approved	23.08%
	TSI.1.2 - TSI Circuit Schematic Delivered and Approved	TSI.1.5 - TSI PCB Purchased and Delivered		TSI.1.2 - TSI Circuit Schematic Delivered and Approved	
	TSI.1.3 - TSI PCB Layout Complete and Approved			TSI.1.3 - TSI PCB Layout Complete and Approved	
	TSI.1.4 - TSI PCB BoM Purchase Order Approved and Purchased				
	TSI.1.5 - TSI PCB Purchased and Delivered				
	TSI.1.6 - TSI PCB Populated and Verified				
	TSI.1.7 - IMD Installed on TSI PCB				
	TSI.1.8 - Precharge Circuitry Incorporated				
	TSI.1.10 - TSI PCB Debugged and Complete				
	TSI.1.11 - TSI Mounting Plate Mechanical Drawing Submitted				
	TSI.1.12 - TSI Mounting Plate BoM Purchase Order Approved and Purchased				
	TSI.1.13 - TSI Base Plate Fabricated, Wired, and Populated				
	TSI.1.14 - TSI Base Plate Installed in DYNO Room				
TSI Mounting Plate Manufactured	TSI.1.11 - TSI Mounting Plate Mechanical Drawing Submitted		100.00%	TSI.1.11 - TSI Mounting Plate Mechanical Drawing Submitted	100.00%
	TSI.1.13 - TSI Mounting Plate Fabricated			TSI.1.13 - TSI Mounting Plate Fabricated	
	TSI.1.14 - TSI Installed on Mount in Dyno Room			TSI.1.14 - TSI Installed on Mount in Dyno Room	
TSI Throttle / Brake Control Panel Manufatured	TSI.4.1 - 2017 TSI Test Panel Located		100.00%	TSI.4.1 - 2017 TSI Test Panel Located	100.00%
	TSI.4.2 - Test Panel Fabricated and Wired with Needed Buttons/Switches			TSI.4.2 - Test Panel Fabricated and Wired with Needed Buttons/Switches	
	TSI.4.3 - Test Panel Installed in DYNO Room			TSI.4.3 - Test Panel Installed in DYNO Room	
	TSI.1.11 - TSI Mounting Plate Mechanical Drawing Submitted			TSI.1.11 - TSI Mounting Plate Mechanical Drawing Submitted	
	TSI.1.12 - TSI Mounting Plate BoM Purchase Order Approved and Purchased			TSI.1.12 - TSI Mounting Plate BoM Purchase Order Approved and Purchased	
	TSI.1.13 - TSI Base Plate Fabricated, Wired, and Populated			TSI.1.13 - TSI Base Plate Fabricated	
	TSI.1.14 - TSI Base Plate Installed in DYNO Room			TSI.1.14 - TSI Base Plate Installed in DYNO Room	
TSI Enclosure Manufactured	TSI.2.1 - Enclosure Designed, Approved, and Submitted to Machine Shop	TSI.2.1 - Enclosure Designed, Approved, and Submitted to Machine Shop	20.00%	None	0.00%
	TSI.2.2 - Enclosure Parts and Materials Acquired				
	TSI.2.3 - Enclosure Assembled				
	TSI.2.4 - TSI Mounting Plate Drawing Submitted to Shop				
	TSI.2.5 - Mounting Plate Fabricated and Acquired				

Integration Task	Related WBS Items	In Progress WBS Items	Projected Completion (%)	Completed WBS Items	Actual Completion (%)
Cooling Loop Filled with Water and Tested For Leaks	COOL.2.1 - Cooling loop filled with water and tested for leaks		100.00%	COOL.2.1 - Cooling loop filled with water and tested for leaks	100.00%
	COOL.2.2 - Leaks in loop identified and repaired			COOL.2.2 - Leaks in loop identified and repaired	
	COOL.2.3 - Cooling System mounted on Fixture in Dyno Room			COOL.2.3 - Cooling System mounted on Fixture in Dyno Room	
Cooling System Mounted on Fixture in Dyno Room	COOL.1.1 - Mechanical Drawing of Mounting Delivered		100.00%	COOL.1.1 - Mechanical Drawing of Mounting Delivered	100.00%
	PART.3.1 - Fixture Mechanical Drawing Submitted to Machine Shop			PART.3.1 - Fixture Mechanical Drawing Submitted to Machine Shop	
	PART.3.2 - Fixture Fabricated			PART.3.2 - Fixture Fabricated	
	PART.3.3 - Fixture Mounted in Dyno Room			PART.3.3 - Fixture Mounted in Dyno Room	
Cooling System Connected to MCS and Motor in Dyno Room	PART.4.1 - Motor Controller Purchase Order Submitted		100.00%	COOL.2.3 - Cooling System Mounted in Dyno Room on Fixture in Dy	100.00%
	PART.4.2 - Motor Controller Acquired			COOL.3.1 - Cooling System Connected to MCS	
	COOL.2.3 - Cooling System Mounted in Dyno Room			COOL.3.3 - Cooling System Moving Water to All Connected Systems	
	COOL.3.1 - Cooling System Connected to MCS			PART.4.1 - Motor Controller Purchase Order Submitted	
	COOL.3.3 - Cooling System Moving Water to All Connected Systems			PART.4.2 - Motor Controller Acquired	
	PART.5.1 - Motor Purchase Order Submitted			PART.5.1 - Motor Purchase Order Submitted	
	PART.5.2 - Motor Acquired			PART.5.2 - Motor Acquired	
	PART.5.3 - Motor Mounted in Motor Mount			PART.5.3 - Motor Mounted in Motor Mount	
Cooling System Connected to TSI in Dyno Room	COOL.2.3 - Cooling System Mounted in Dyno Room	TSI.1 - TSI Board Delivered	100.00%	PART.3.1 - Fixture Mechanical Drawing Submitted to Machine Shop	80.00%
	TSI.1 - TSI Board Delivered			COOL.2.3 - Cooling System Mounted in Dyno Room	
	PART.3.1 - Fixture Mechanical Drawing Submitted to Machine Shop			PART.3.2 - Fixture Fabricated	
	PART.3.2 - Fixture Fabricated			PART.3.3 - Fixture Mounted in Dyno Room	
	PART.3.3 - Fixture Mounted in Dyno Room				
Cooling Enclosure Manufactured	COOL.1.1 - Enclosure Designed, Approved, and Submitted to Machine Shop	COOL.1.1 - Enclosure Designed, Approved, and Submitted to Machi	20.00%	None	0.00%
	COOL.1.2 - Enclosure Parts Acquired				
	COOL.1.3 - Enclosure Assembled				
	COOL.2.1 - Enclosure Installed on Car				
	COOL.2.2 - Cables Connected				
Cooling System Mounted on Car					

Integration Task	Related WBS Items	In Progress WBS Items	Projected Completion (%)	Completed WBS Items	Actual Completion (%)
TSV Packs Manufactured	TSV.1.1 - Pack High Level Electrical Block Diagram Delivered and Accepted	TSV.1.2 - Pack Mechanical Drawing Submitted and Accepted	30.00%	TSV.1.1 - Pack High Level Electrical Block Diagram Delivered and Accepted	10.00%
	TSV.1.2 - Pack Mechanical Drawing Submitted and Accepted	TSV.1.3 - Pack BoM Purchase Order Approved and Purchased			
	TSV.1.3 - Pack BoM Purchase Order Approved and Purchased				
	TSV.1.4 - Pack 1 Enclosure Fabricated				
	TSV.1.5 - Pack 2 Enclosure Fabricated				
	TSV.1.6 - Pack Testing Plan Submitted and Approved				
	TSV.1.7 - Pack 1 Populated and Verified with Testing Plan				
	TSV.1.8 - Pack 2 Populated and Verified with Testing Plan				
	TSV.1.9 - Demo of Pack 1 Functionality with Testing Plan				
	TSV.1.10 - Demo of Pack 2 Functionality with Testing Plan				
TSV Packs Connected to Motor Controller in Dyno Room	WIRE.3.11 - TSV - Motor Controller Connected	None	0.00%	None	0.00%
TSV CellMen Boards Fabricated	TSV.2.1 - CellMen Block Diagram Delivered and Approved	TSV.2.4 - CellMen BoM Purchase Order Approved and Purchased	55.56%	TSV.2.1 - CellMen Block Diagram Delivered and Approved	33.33%
	TSV.2.2 - CellMen Circuit Schematic Delivered and Approved	TSV.2.5 - CellMen Purchased and Delivered		TSV.2.2 - CellMen Circuit Schematic Delivered and Approved	
	TSV.2.3 - CellMen PCB Layout Complete and Approved			TSV.2.3 - CellMen PCB Layout Complete and Approved	
	TSV.2.4 - CellMen BoM Purchase Order Approved and Purchased				
	TSV.2.5 - CellMen Purchased and Delivered				
	TSV.2.6 - CellMen Boards Populated and Verified				
	TSV.2.7 - 1st CellMen Board Debugged and Tested				
	TSV.2.8 - CellMen Testing Plan Delivered				
	TSV.2.9 - CellMen Boards Debugged and Tested				
TSV PackMan Boards Fabricated	TSV.3.1 - PackMan Block Diagram Delivered and Approved	TSV.3.4 - PackMan BoM Purchase Order Approved and Purchased	62.50%	TSV.3.1 - PackMan Block Diagram Delivered and Approved	37.50%
	TSV.3.2 - PackMan Circuit Schematic Delivered and Approved	TSV.3.5 - PackMan Purchased and Delivered		TSV.3.2 - PackMan Circuit Schematic Delivered and Approved	
	TSV.3.3 - PackMan PCB Layout Complete and Approved			TSV.3.3 - PackMan PCB Layout Complete and Approved	
	TSV.3.4 - PackMan BoM Purchase Order Approved and Purchased				
	TSV.3.5 - PackMan Purchased and Delivered				
	TSV.3.6 -PackMan Populated and Verifed				
	TSV.3.7 - PackMan Testing Plan Delivered				
	TSV.3.8 - PackMan Boards Debugged and Tested				
TSV SegMan Boards Fabricated	TSV.4.1 - SegMan Block Diagram Delivered and Approved	TSV.4.2 - SegMan Circuit Schematic Delivered and Approved	42.86%	TSV.4.1 - SegMan Block Diagram Delivered and Approved	14.29%
	TSV.4.2 - SegMan Circuit Schematic Delivered and Approved	TSV.4.3 - SegMan PCB Layout Complete and Approved			
	TSV.4.3 - SegMan PCB Layout Complete and Approved				
	TSV.4.4 - SegMan Purchased and Delivered				
	TSV.4.5 - SegMan Populated and Verified				
	TSV.4.6 - SegMan Testing Plan Delivered				
	TSV.4.7 - SegMan Boards Debugged and Tested				
TSV Powering Motor via Motor Controller	WIRE.3.11 - TSV - Motor Controller Connected	None	0.00%	None	0.00%

Integration Task	Related WBS Items	In Progress WBS Items	Projected Completion (%)	Completed WBS Items	Actual Completion (%)
SCADA Recording Data and Writing to a File	SCADA.1.2 - SCADA Collecting Data From Subsystems and Writing Data to File	SCADA.5.2 - VSCADA Receiving Data from Cooling System	100.00%	SCADA.1.2 - SCADA Collecting Data From Subsystems and Writing Data to File	85.71%
	SCADA.1.3 - SCADA Writing Raw and Calibrated Data to Database			SCADA.1.3 - SCADA Writing Raw and Calibrated Data to Database	
	SCADA.2.2 - VSCADA Receiving Data from TSI Sensors			SCADA.2.2 - VSCADA Receiving Data from TSI Sensors	
	SCADA.3.2 - SCADA Receiving Data from GLV Sensors			SCADA.3.2 - VSCADA Receiving Data from GLV Sensors	
	SCADA.4.2 - VSCADA Receiving Data from MCS Sensors			SCADA.4.2 - VSCADA Receiving Data from MCS Sensors	
	SCADA.5.2 - VSCADA Receiving Data from Cooling System			SCADA.7.3 - SCADA Logging Data with Timestamps	
	SCADA.7.3 - SCADA Logging Data with Timestamps				
SCADA Displaying Data to Rack Monitor in Dyno Room	SCADA.1.1 - Individual Data Acquisition Tests Performed Showing Data	None	75.00%	SCADA.1.2 - SCADA Collecting Data From Subsystems and Writing Data to File	75.00%
	SCADA.1.2 - SCADA Collecting Data From Subsystems and Writing Data to File			SCADA.1.3 - SCADA Writing Raw and Calibrated Data to Database	
	SCADA.1.3 - SCADA Writing Raw and Calibrated Data to Database			SCADA.1.4 - Demo of SCADA Collecting Data and Displaying Meaningfully to Viewer	
	SCADA.1.4 - Demo of SCADA Collecting Data and Displaying Meaningfully to Viewer				
SCADA Communicating with GLV in Dyno Room	SCADA.3.1 - VSCADA and GLV Connected via CAN and GPIO		100.00%	SCADA.3.1 - VSCADA and GLV Connected via CAN and GPIO	100.00%
	SCADA.3.2 - VSCADA Receiving Data from GLV Sensors			SCADA.3.2 - VSCADA Receiving Data from GLV Sensors	
	SCADA.3.3 - VSCADA Sends Warnings for Error Sensor Data			SCADA.3.3 - VSCADA Sends Warnings for Error Sensor Data	
	GLV.1.7 - GLV BoB Installed on Mount in Rack in Dyno Room			GLV.1.7 - GLV BoB Installed on Mount in Rack in Dyno Room	
SCADA Communicating with TSI in Dyno Room	SCADA.2.1 - VSCADA and TSI Connected via CAN	SCADA.2.1 - VSCADA and TSI Connected via CAN	66.67%	SCADA.2.1 - VSCADA and TSI Connected via CAN	75.00%
	SCADA.2.2 - VSCADA Receiving Data from TSI Sensors	SCADA.2.2 - VSCADA Receiving Data from TSI Sensors		SCADA.2.2 - VSCADA Receiving Data from TSI Sensors	
	SCADA.2.3 - VSCADA Transmitting Cruise Control Information			TSI.1.13 - TSI Installed on Mount in Dyno Room	
	TSI.1.13 - TSI Installed on Mount in Dyno Room				
SCADA Communiating with Motor Controller in Dyno Room	SCADA.4.1 - VSCADA and MCS Connected via CAN	SCADA.4.3 - SCADA Outputs a Throttle Control to the Motor Controller	100.00%	PART.4.2 - Motor Controller Acquired	75.00%
	SCADA.4.2 - VSCADA Receiving Data from MCS Sensors			SCADA.4.1 - VSCADA and MCS Connected via CAN	
	SCADA.4.3 - SCADA Outputs a Throttle Control to the Motor Controller			SCADA.4.2 - VSCADA Receiving Data from MCS Sensors	
	PART.4.2 - Motor Controller Acquired				
SCADA Communicating with TSV in Dyno Room	SCADA.4.1 - VSCADA and TSV Connected via CAN	None	0.00%	None	0.00%
	SCADA.4.2 - VSCADA Receiving Data From TSV Sensors				
	SCADA.4.3 - VSCADA Sends Warning for Error Sensor Data				
SCADA Displaying Data to GLV Screen	SCADA.3.1 - VSCADA and GLV Connected via CAN and GPIO	None	0.00%	None	0.00%
	SCADA.3.2 - VSCADA Receiving Data from GLV Sensors				
	SCADA.3.3 - VSCADA Sends Warnings for Error Sensor Data				
	GLV.1.7 - GLV BoB Installed on Mount in Rack in Dyno Room				
	GLV Enclosure Complete				
	SCADA Communicating with the GLV in Enclosure				
SCADA Communicating with GLV on Car	SCADA.3.1 - VSCADA and GLV Connected via CAN and GPIO	None	0.00%	None	0.00%
	SCADA.3.2 - VSCADA Receiving Data from GLV Sensors				
	SCADA.3.3 - VSCADA Sends Warnings for Error Sensor Data				
	GLV Enlcousre Installed on Vehicle				
SCADA Communicating with TSI on Car	SCADA.2.1 - VSCADA and TSI Connected via CAN	SCADA.2.1 - VSCADA and TSI Connected via CAN	66.67%	None	0.00%
	SCADA.2.2 - VSCADA Receiving Data from TSI Sensors	SCADA.2.2 - VSCADA Receiving Data from TSI Sensors			
	TSI Enclosure Installed on Car				
SCADA Communicating with Motor Controller on Car	SCADA.5.1 - VSCADA and MCS Connected via CAN	None	0.00%	None	0.00%
	SCADA.5.2 - VSCADA Receiving Data from MCS Sensors				
	SCADA.5.3 - SCADA sends warning for error sensor data				
	Motor Controller Installed In Car				
	MCS and SCADA Communicating in Car				
SCADA Communicating with TSV on Car	SCADA.4.1 - VSCADA and TSV Connected via CAN	None	0.00%	None	0.00%
	SCADA.4.2 - VSCADA Receiving Data From TSV Sensors				
	SCADA.4.3 - VSCADA Sends Warning for Error Sensor Data				
	TSV Packs Installed iN Vehicle				
	TSV and SCADA Communicating in Car				

Integration Task	Related WBS Items	In Progress WBS Items	Projected Completion (%)	Completed WBS Items	Actual Completion (%)
Dyno Room Testing Plan Complete	TEST.1.1 - List of tests to be performed on motor detailed with specific desired outcomes printe	TEST.1.1 - List of tests to be performed on motor detailed with specific desired outcomes printed and posted in Test Plan Binder	100.00%	TEST.6.1 - List of tests to be performed on Full Dyno detailed with specific desired outcomes printed and posted in Test Plan Binder	10.00%
	TEST.1.2 - Risk assessment of each test for motor produced with solution plan for failure	TEST.1.2 - Risk assessment of each test for motor produced with solution plan for failure			
	TEST.2.1 - List of tests to be performed on GLV detailed with specific desired outcomes printed	TEST.2.1 - List of tests to be performed on GLV detailed with specific desired outcomes printed and posted in Test Plan Binder			
	TEST.2.2 - Risk assessment of each test for GLV produced with solution plan for failure	TEST.2.2 - Risk assessment of each test for GLV produced with solution plan for failure			
	TEST.3.1 - List of tests to be performed on TSI detailed with specific desired outcomes printed	TEST.3.1 - List of tests to be performed on TSI detailed with specific desired outcomes printed and posted in Test Plan Binder			
	TEST.3.2 - Risk assessment of each test for TSI produced with solution plan for failure	TEST.3.2 - Risk assessment of each test for TSI produced with solution plan for failure			
	TEST.5.1 - List of tests to be performed on SCADA detailed with specific desired outcomes prir	TEST.5.1 - List of tests to be performed on SCADA detailed with specific desired outcomes printed and posted in Test Plan Binder			
	TEST.5.2 - Risk assessment of each test for SCADA produced with solution plan for failure	TEST.5.2 - Risk assessment of each test for SCADA produced with solution plan for failure			
	TEST.6.1 - List of tests to be performed on Full Dyno detailed with specific desired outcomes p	TEST.6.2 - Risk assessment of each test for Full Dyno produced with solution plan for failure			
	TEST.6.2 - Risk assessment of each test for Full Dyno produced with solution plan for failure				
Dyno Room Wiring Diagram Complete	WIRE.1.1 - Dyno Room Wiring Diagram Complete	None	100.00%	WIRE.1.1 - Dyno Room Wiring Diagram Complete	100.00%
	WIRE.1.2 - Dyno Room Wiring Diagram Printed and Posted in AEC 400			WIRE.1.2 - Dyno Room Wiring Diagram Printed and Posted in AEC 400	
	WIRE.1.3 - Dyno Room Wiring Diagram Printed and Posted in AEC 134			WIRE.1.3 - Dyno Room Wiring Diagram Printed and Posted in AEC 134	
All Connecting Wires Produced with Correct Connector Types	WIRE.2.1 - Full Wiring BoM Submitted and Approved		100.00%	WIRE.2.1 - Full Wiring BoM Submitted and Approved	100.00%
	WIRE.2.2 - Full Wiring BoM Purchase Order Submitted and Approved			WIRE.2.2 - Full Wiring BoM Purchase Order Submitted and Approved	
	WIRE.2.3 - TSI - MCS Wires Complete			WIRE.2.3 - TSI - MCS Wires Complete	
	WIRE.2.4 - TSI - Cooling Wires Complete			WIRE.2.4 - TSI - Cooling Wires Complete	
	WIRE.2.5 - TSI - Pedal Throttle Fixture Wires Complete			WIRE.2.5 - TSI - Pedal Throttle Fixture Wires Complete	
	WIRE.2.6 - TSI - Test Panel Wires Complete			WIRE.2.6 - TSI - Test Panel Wires Complete	
	WIRE.2.8 - GLV - Safety Loop Wires Complete			WIRE.2.8 - GLV - Safety Loop Wires Complete	
	WIRE.2.9 - GLV - TSI Wires Complete			WIRE.2.9 - GLV - TSI Wires Complete	
	WIRE.2.10 - GLV - Cooling Wires Complete			WIRE.2.10 - GLV - Cooling Wires Complete	
	WIRE.2.12 - Safety Loop Panels - Dyno Supply Wires Complete			WIRE.2.12 - Safety Loop Panels - Dyno Supply Wires Complete	
All Subsystems fully wired in Dyno Room	WIRE.3.1 - TSI - MCS Connected		100.00%	WIRE.3.1 - TSI - MCS Connected	100.00%
	WIRE.3.2 - TSI - Cooling Connected			WIRE.3.2 - TSI - Cooling Connected	
	WIRE.3.3 - TSI - Pedal Throttle Fixture Connected			WIRE.3.3 - TSI - Pedal Throttle Fixture Connected	
	WIRE.3.4 - TSI - Test Panel Connected			WIRE.3.4 - TSI - Test Panel Connected	
	WIRE.3.6 - GLV - Safety Loop Connected			WIRE.3.6 - GLV - Safety Loop Connected	
	WIRE.3.7 - GLV - TSI Connected			WIRE.3.7 - GLV - TSI Connected	
	WIRE.3.8 - GLV - Cooling Connected			WIRE.3.8 - GLV - Cooling Connected	
	WIRE.3.10 - Safety Loop Panels - Dyno Supply Connected			WIRE.3.10 - Safety Loop Panels - Dyno Supply Connected	
	WIRE.3.12 - MCS and Motor Connected			WIRE.3.12 - MCS and Motor Connected	
	WIRE.3.13 - Cooling System and Motor Connected			WIRE.3.13 - Cooling System and Motor Connected	
	WIRE.3.14 - Cooling System and MCS Connected			WIRE.3.14 - Cooling System and MCS Connected	
All Tests According to Test Plan Run in Dyno Room	TEST.1.3 - Tests performed on motor according to testing plan	TEST.1.3 - Tests performed on motor according to testing plan	100.00%		0.00%
	TEST.1.4 - Testing Analysis of Motor Testing Data complete and submitted	TEST.1.4 - Testing Analysis of Motor Testing Data complete and submitted			
	TEST.1.5 - Retesting of Motor following adjustments to meet desired test outcomes	TEST.1.5 - Retesting of Motor following adjustments to meet desired test outcomes			
	TEST.2.3 - Tests performed on GLV according to testing plan	TEST.2.3 - Tests performed on GLV according to testing plan			
	TEST.2.4 - Testing Analysis of GLV Testing Data complete and submitted	TEST.2.4 - Testing Analysis of GLV Testing Data complete and submitted			
	TEST.2.5 - Retesting of GLV following adjustments to meet desired test outcomes	TEST.2.5 - Retesting of GLV following adjustments to meet desired test outcomes			
	TEST.3.3 - Tests performed on TSI according to testing plan	TEST.3.3 - Tests performed on TSI according to testing plan			
	TEST.3.4 - Testing Analysis of TSI Testing Data complete and submitted	TEST.3.4 - Testing Analysis of TSI Testing Data complete and submitted			
	TEST.3.5 - Retesting of TSI following adjustments to meet desired test outcomes	TEST.3.5 - Retesting of TSI following adjustments to meet desired test outcomes			
	TEST.5.3 - Tests performed on SCADA according to testing plan	TEST.5.3 - Tests performed on SCADA according to testing plan			
	TEST.5.4 - Testing Analysis of SCADA Testing Data complete and submitted	TEST.5.4 - Testing Analysis of SCADA Testing Data complete and submitted			
	TEST.5.5 - Retesting of SCADA following adjustments to meet desired test outcomes	TEST.5.5 - Retesting of SCADA following adjustments to meet desired test outcomes			
	TEST.6.3 - Tests performed on Full Dyno according to testing plan	TEST.6.3 - Tests performed on Full Dyno according to testing plan			
	TEST.6.4 - Testing Analysis of Full Dyno Testing Data complete and submitted	TEST.6.4 - Testing Analysis of Full Dyno Testing Data complete and submitted			
	TEST.6.5 - Retesting of Full Dyno following adjustments to meet desired test outcomes	TEST.6.5 - Retesting of Full Dyno following adjustments to meet desired test outcomes			

Integration Task	Related WBS Items	In Progress WBS Items	Projected Completion (%)	Completed WBS Items	Actual Completion (%)
Car Testing Plan Complete					
Car Wiring Diagram Complete					
All Connecting Wires Produced with Correct Connector Types					
All Subsystems fully wired in Car					
All Tests According to Test Plan Run in Car					