

EV PP Tracking

Thursday, December 21, 2023 10:42 AM

Meetings: Thursdays @7

*** Project will only be presented if all the following are true:

- Project is submitted a day prior to meeting
- Project is reviewed by the lead of the project AND chiefs
- Project is relevant to car goals
- For stage four of design process () will only be approved if information under “Assembly Process/Materials” are inputted into the Cost excel sheet by lead.

Structure:

Projects will be presented in priority order.

If presenter has more than one design step completed, they may continue presenting IF they are approved to do so

***As projects get approved leads should begin compiling proposals to aid in design and build upon it w/ information presented in Design Presentation. (Can also begin compiling pictures, logs, sims, etc. As project is progressing) (Design Binder 2024 Pinned in teams)

*** Feedback will be written in red text

*** People who have passed their proposals will be in a list that will be sent out in chat after the meeting

- Tracking will be updated every Design meeting
- If parts need to be machined COMMUNICATE (DM, meeting, etc.) with Manufacturing Lead... will be tracked
- If parts need to be ordered COMMUNICATE (DM, meeting, etc.) with Lead, Prez, VP... will be put in master list if approved

*** if machining needed go to "manufacturing" tab >>> Machining Tracking& talk to manufacturing lead

*** once project has gone through ALL of PP system if items need to be ordered LEADS must go to COTS tracking and fill out table to track order status of items

Template

Monday, June 26, 2023 9:09 PM

<i>Project (engine er)</i>	<i>Priority Class</i>	<i>Status</i>	<i>Estimat ed time of Project comple tion (PP 1)</i>	<i>Project Propos al 1</i>	<i>Project Propos al 2</i>	<i>Project Propos al 3</i>	<i>Project Propos al 4</i>	<i>Has info been inputte d into COST STATIC EVENT excel? (Y/N)</i>	<i>Comple ted</i>	<i>Notes</i>

Aero

Monday, July 10, 2023 3:22 PM

<i>Project (engineer)</i>	<i>Priority Class</i>	<i>Estimated time of Project completion (PP 1)</i>	<i>Project Proposal 1</i>	<i>Project Proposal 2</i>	<i>Project Proposal 3</i>	<i>Project Proposal 4</i>	<i>Has info been inputted into COST STATIC EVENT excel? (Y/N)</i>	<i>Completed</i>	<i>Notes</i>
<i>Undertray Mounting AJ</i>	B		COMPLETE	COMPLETE	COMPLETE	Revising			- Plans to present 10/05 - Need drawings - Messaged 11/06
<i>Jacking Bar (Shrey)</i>	A		COMPLETE	COMPLETE	COMPLETE	COMPLETE			- needs to add a flange to inserts and update drawings
<i>EV Firewall Grayson</i>	B	11/02	COMPLETE	COMPLETE	COMPLETE	Revising			-currently cad -and drawings -put flat on firewall -needs to insert in main static -firewall wil just be .04 alum

Composites

Monday, July 10, 2023 3:22 PM

<i>Project (engineer)</i>	<i>Priority Class</i>	<i>Status</i>	<i>Estimated time of Project completion (PP 1)</i>	<i>Project Proposal 1</i>	<i>Project Proposal 2</i>	<i>Project Proposal 3</i>	<i>Project Proposal 4</i>	<i>Has info been inputted into COST STATIC EVENT excel? (Y/N)</i>	<i>Completed</i>	<i>Notes</i>
<i>Seat Rebuild Matt Neace</i>	<i>B</i>	<i>In Progress</i>	<i>10/09/2023</i>	<i>COMPLETE</i>	<i>COMPLETE</i>	<i>COMPLETE</i>	<i>COMPLETE</i>			-decrystallizing resin to create samples 09/27 Samples 10/30
<i>Seat/firewall Grounding Eliab</i>	<i>B</i>	<i>COMPLETE</i>		<i>COMPLETE</i>	<i>COMPLETE</i>	<i>COMPLETE</i>	<i>COMPLETE</i>			- Revising again - pp3 will change stock thickness to 0.05
<i>Floorpan Grayson</i>	<i>B</i>	<i>Revising</i>		<i>COMPLETE</i>	<i>COMPLETE</i>	<i>COMPLETE</i>	<i>Revising</i>			-relocate tabs.

EV Powertrain

Monday, July 10, 2023 3:22 PM

Project (engineer)	Priority Class	Status	Estimated time of Project completion (PP 1)	Project Proposal 1	Project Proposal 2	Project Proposal 3	Project Proposal 4	Has info been inputted into COST STATIC EVENT excel? (Y/N)	Completed	Notes
Acc chassis tab Abri	B	COMPLETE	20 days 12/18	COMPLETE	COMPLETE	COMPLETE	COMPLETE	N/A		
Acc mount Abri	B	COMPLETE	31 days 12/20	COMPLETE	COMPLETE	COMPLETE	COMPLETE	...		
Acc Lid Jonathan	A	COMPLETE	70 days 9/16	COMPLETE	COMPLETE	COMPLETE	COMPLETE			- Will present 3 09/21 - Need drawing and subassembly drawings - Indexing feature, redoing flat patterns
Battery Cooling Bales	B	In progress	11/21/2023	COMPLETE	COMPLETE	COMPLETE	Revising			- Will present 1 & 2 09/21 - Cad for mounts tests and feas - needs to add fan harness to scope Acc
Busbars Abri	B	COMPLETE	10/10/2023	COMPLETE	COMPLETE	COMPLETE	COMPLETE			-will present 1 09/21 -needs to make test pp
Regen Bales										
RAD Mounting Sofie	A	COMPLETE	11/02/2023	COMPLETE	COMPLETE	COMPLETE	COMPLETE			-

TO apply any changes to it must save the excel before closing it

LV- tracking

Project	Engineer	Priority Class	Disapproved or approved?	Status	Estimated time of Project completion (PP 1)	Project Proposal 1	Project Proposal 2	Project Proposal 3	Project Proposal 4	Has info been inputted into COST STATIC EVENT excel? (Y/N)	Completed	Notes
MDB	Val	B	Approved	DONE	9/25/2023 (finished 8/10/2023)	Presented	Presented	Presented	Presented	Y	Y	DONE
AVI	Marco	B	Approved	DONE	9/12/2023	Presented	Presented	Presented	Presented	N	Y	DONE
TSAL Controller	Bray	B	Approved	DONE	9/10/2023	Presented	Presented	Presented	Presented	N	N	planning to present 3 & 4 pps 10/12/2023
Economizer	Bray	C	Not Presented	Not Started		Not Submitted	Not Submitted	Not Submitted	Not Submitted	N	N	work on after pit
PDU	Justin	B	Approved	DONE	10/16/2023	Presented	Presented	Presented	Presented	N	Y	finishing 3-4 to present
EV Dash & EV Lights/Buttons	Justin	B	Approved	2		Presented				N	N	Need to talk about the project
VCU	mathew	B	Approved	2	10/17/2023	Presented	Currently Working On			N	N	
EV Lunch Control TP	Jonathan	B	Approved	DONE	2/14/2024	Presented	Presented	Presented	Presented	N/A	N	DONE
Power Conditioner	TP Mathew	B	Approved	2		Presented	Currently Working On			N	N	
PDU Box	Justin	B	Approved	DONE		Presented	Presented	Presented	Presented	N	N	finsihing 2 maybe 3 to present after pit
Switch Panel		A	Approved	2	9/8/2023	Presented	Currently Working On			N	N	Dose not need a proposal anymore
Smaller Wire TP Abri		C	Not Presented	Not Started		Presented	Presented			N	N	Dose not need a proposal anymore
Regen Controls	N/A	B	Not Presented	Not Started						N	N	
Phumatic Shifter PCB	Bray	B	Approved	2	10-Oct	Presented	Presented			N	N	
Main relay PCB	N/A	C	Not Presented	Not Started		Presented	Presented	Presented	Presented	N	N	
IC Dash	Grayson Marks	B	Approved	DONE	9/25/2023	Presented	Presented	Presented	Presented	N	N	
IC Dashboard Shape and Cover	Seth Corman	B	Approved	DONE	9/18/2023	Presented	Presented			N	N	
IC Lunch Control		C	Not Presented	Not Started						N	N	
EV Dash mounting & cover	reassigning	C	Not Presented	1		Presented						
TSAL light	Val	A	Approved	DONE	9/12/2023	Presented	Presented	Presented	Presented			DONE
		C	Approved	DONE		Presented		Presented				Is not a priority for design deadlines, was told because its not a vital thing to the cars manufacturing timeline it can be done sequentially on the side
EV Logger	Chance											
EV Logger case	Val	C	Approved	DONE	10/25/2023	Presented	Presented	Presented	Presented			
VCU Box	Steven	C	Approved	DONE	10/18/2023	Presented	Presented	Presented	Presented			

VD

Monday, July 10, 2023 3:22 PM

<i>Project (engine- er)</i>	<i>Priority Class</i>	<i>Status</i>	<i>Estimated time of Project completion (PP 1)</i>	<i>Project Proposal 1</i>	<i>Project Proposal 2</i>	<i>Project Proposal 3</i>	<i>Project Proposal 4</i>	<i>Has info been inputted into COST STATIC EVENT excel? (Y/N)</i>	<i>Completed</i>	<i>Notes</i>

IC PP Tracking

Thursday, December 21, 2023 10:43 AM

Meetings: Thursdays @7

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Template

Monday, June 26, 2023 8:58 PM

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Aero

Monday, July 10, 2023 3:22 PM

<i>Project (engineer)</i>	<i>Priority Class</i>	<i>Estimated time of Project completion (PP 1)</i>	<i>Project Proposal 1</i>	<i>Project Proposal 2</i>	<i>Project Proposal 3</i>	<i>Project Proposal 4</i>	<i>Has info been inputted into COST STATIC EVENT excel? (Y/N)</i>	<i>Completed</i>	<i>Notes</i>
RW Mount Seth	B		COMPLETE	COMPLETE	COMPLETE	COMPLETE			- Invalid calcs & pics need to be added - Rerun FEA on rib/spar
Aero Package Nate	A	2/14 (435 days)	COMPLETE	COMPLETE	COMPLETE	COMPLETE			- Plan to present structures 10/12
Aero Structures Nate	A		COMPLETE	COMPLETE	COMPLETE	COMPLETE			
FW Mount Bray	B		COMPLETE	COMPLETE	COMPLETE	COMPLETE			- If bray does not present pp 3 &4 this week 10/12/2023, nathan will be take over project - Currently fea fails
Flow Visualtions Joey	C		COMPLETE	COMPLETE	COMPLETE	COMPLETE			- Will present pp4 10/05
IC firewall Matt	A		COMPLETE	COMPLETE	COMPLETE	Revising			- need drawings - add a flat to seat belt holder

Composites

Monday, July 10, 2023 3:22 PM

<i>Project (engineer)</i>	<i>Priority Class</i>	<i>Status</i>	<i>Estimated time of Project completion (PP 1)</i>	<i>Project Proposal 1</i>	<i>Project Proposal 2</i>	<i>Project Proposal 3</i>	<i>Project Proposal 4</i>	<i>Has info been inputted into COST STATIC EVENT excel? (Y/N)</i>	<i>Completed</i>	<i>Notes</i>
<i>ECU Mount William</i>	C	COMPLETE		COMPLETE	COMPLETE	COMPLETE	COMPLETE			
<i>Pushrods Keagan</i>	C	COMPLETE		COMPLETE	COMPLETE	COMPLETE	COMPLETE			-need drawings for inserts

EnD

Monday, July 10, 2023 3:22 PM

Project (engineer)	Priority Class	Status	Estimated time of Project completion (PP 1)	Project Proposal 1	Project Proposal 2	Project Proposal 3	Project Proposal 4	Has info been inputted into COST STATIC EVENT excel? (Y/N)	Completed	Notes
ETS Pete	B	COMPLETE		COMPLETE	COMPLETE	COMPLETE	COMPLETE			- PP 1 needs revisions - Project will be reassigned
Headers Brenden	A	COMPLETE		COMPLETE	COMPLETE	COMPLETE	COMPLETE			- will add star sim for design - need to add flanges for mounting to motor in main static and bungs
Diff Carriers Alex	B	COMPLETE		COMPLETE	COMPLETE	COMPLETE	COMPLETE			- do patty calc -09/21: fix cad(edit bearing holder), needs to do a mesh study, - Have all four pps done 10/12 - Brackets have been redone need to redo the bearing carriers and do the proper fea once that's done can do part 4 and present next week - Drawing and need to put in pdm - Needs to drop diffs down
Throttle Bracket Carter	C	COMPLETE	10/31/2023	COMPLETE	COMPLETE	COMPLETE	COMPLETE			
Axle End Caps Tyler	C	COMPLETE	10/17/2023	COMPLETE	COMPLETE	COMPLETE	COMPLETE			
EV Spool Elizabeth	B	COMPLETE		COMPLETE	COMPLETE	COMPLETE	COMPLETE			-need FEA -needs a complete CAD -need to insert tension cap
Individual Per Cylinder Tuning Dean	C	COMPLETE		Complete	COMPLETE	COMPLETE	COMPLETE			

VD

Monday, July 10, 2023 3:22 PM

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<i>Wheel insert Seth</i>		Not pursing								
<i>Alignment Emil</i>	C	COMPLETE	10/16 32 days	COMPLETE	COMPLETE	COMPLETE	COMPLETE			-cad for jigs -drawings -needs to redesign
<i>Front & Rear Uprights Sam</i>	A	In progress	11/08/23	COMPLETE	COMPLETE	COMPLETE	Revising			10/05/2023- will walk through upright pps -needs to make toe pickup thicker
<i>Chassis (Ev & IC) Mihai</i>	A	COMPLETE	11/05	COMPLETE	COMPLETE	COMPLETE	COMPLETE			-CAD is done -doing ordering sheet -need torsion sims -
<i>Adjustable Pedal Box Bray</i>	C	In Progress	11/10/23	Revising						- Editing project scope and force goals - Will present 10/19

Extention request tracking

Thursday, December 21, 2023 11:04 AM

Request Tracking

Thursday, November 2, 2023 11:58 PM

<u>Subgroup</u>	<u>Project</u>	<u>Approved or Disapproved</u>
Composites	EV Firewall	Approved
Composites	Floorpan	Approved

Test Proposal Tracking

Thursday, December 21, 2023 10:44 AM

Template

Monday, July 10, 2023 1:42 PM

<i>Project (engineer)</i>	<i>Priority Class</i>	<i>Status</i>	<i>Estimated time of Project completion</i>	<i>Project Proposal 1</i>	<i>Project Proposal 2</i>	<i>Project Proposal 3</i>	<i>Project Proposal 4</i>	<i>Completed</i>	<i>Notes</i>
<i>Intake Testing Patty</i>		<i>In progress</i>		<i>COMPLETE</i>	<i>COMPLETE</i>	<i>In progress</i>			
<i>BSFC Heily</i>				<i>COMPLETE</i>	<i>In progress</i>				

PP Testing

Monday, July 31, 2023 12:23 PM

Project (engineer)	Priority Class	Status	Estimated time of Project completion	Project Proposal 1	Project Proposal 2	Project Proposal 3	Project Proposal 4	Project Proposal 5	Complete	Notes
BSFC Testing Heily	C	In progress		COMPLETE	COMPLETE	COMPLETE	COMPLETE	In progress		-waiting for headers to be done to conduct test
Cooling Iteration Emil	B	In progress		COMPLETE	COMPLETE	COMPLETE	COMPLETE	In progress		-ready to conduct test
On & Off Aero David	C	In progress		COMPLETE	COMPLETE	COMPLETE	Revising			

Order Tracking

Thursday, December 21, 2023 11:13 AM

Template

Monday, July 10, 2023 3:21 PM

COTS

<i>Project</i>	<i>Assigned to</i>	<i>Order list submitted by lead?</i>	<i>Order list submitted to Lousie?</i>	<i>Order list submitted by Louise?</i>	<i>Obtained</i>	<i>Notes</i>
Fuel Tank	Brenden					

Aero

Monday, July 10, 2023 3:22 PM

Composites

Monday, July 10, 2023 3:22 PM

EnD

Monday, July 10, 2023 3:22 PM

EV Powertrain

Monday, July 10, 2023 3:22 PM

LV - COTS

VD

Monday, July 10, 2023 3:22 PM

IC Project Tracking

Thursday, December 21, 2023 10:45 AM

- Will be meeting with leads 2x a week for progress checks
- If machining is needed either to build a project or a failed part communicate with Manufacturing lead...

Template

Monday, June 26, 2023 8:58 PM

Project	Assigned to	Task list	Priority	Status	Failure Analysis (Y or N)	Notes
ECU Mount	William/Composites	<input checked="" type="checkbox"/> - Mold CAD <input type="checkbox"/> - 3D-print <input type="checkbox"/> - Bondo <input type="checkbox"/> - Sand uniformly <input type="checkbox"/> - Poly coat	Low	In Progress		
Firewall	Matt/Composites					

If you hit a failure point during or after the build process, FILL OUT step 5 of proposals "Failure Analysis"

Aero

Monday, July 10, 2023 3:22 PM

Project	Assigned to	Task list	Priority	Status	Failure Analysis (Y or N)	Notes
Fuel tank	Brenden	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> - CAD <input checked="" type="checkbox"/> - Water Jet <input checked="" type="checkbox"/> - Weld <input checked="" type="checkbox"/> - Tubing <input checked="" type="checkbox"/> - Cap and flange <input checked="" type="checkbox"/> - Cut neck <input checked="" type="checkbox"/> - Turn neck <input checked="" type="checkbox"/> - Make cap? <input checked="" type="checkbox"/> - Get wire pass thru <input checked="" type="checkbox"/> - Add drainplug <input checked="" type="checkbox"/> - Order neck parts <input checked="" type="checkbox"/> - tube 	HIGH	In Progress		<ul style="list-style-type: none"> - Fuel tank mounted in main static - Scheduled meeting 01/23 for update

Composites

Monday, July 10, 2023 3:22 PM

<i>Project</i>	<i>Assigned to</i>	<i>Task list</i>	<i>Priority</i>	<i>Status</i>	<i>Failure Analysis (Y or N)</i>	<i>Notes</i>
ECU Mount						

EnD

Monday, July 10, 2023 3:22 PM

Project	Assigned to	Task list	Priority	Status	Failure Analysis (Y or N)	Notes
Axel Endcaps	Britton	<input checked="" type="checkbox"/> - Source PETG <input checked="" type="checkbox"/> - Source 3D Printer <input checked="" type="checkbox"/> - Print PLA Test <input checked="" type="checkbox"/> - Test In Axel <input checked="" type="checkbox"/> - Print Radius .4 <input type="checkbox"/> - Print Radius .45 <input type="checkbox"/> - Print Radius .5		In Progress		The CAD does not match real life
Throttle Bracket	Carter	<input type="checkbox"/> Source Parts <input checked="" type="checkbox"/> • 4-40 Nuts <input type="checkbox"/> • 4-40 Bolts <input checked="" type="checkbox"/> • 1/8 aluminum sheet metal <input type="checkbox"/> Source Waterjet <input checked="" type="checkbox"/> 3D print throttle Bracket <input type="checkbox"/> Source Sheet Metal Bender <input type="checkbox"/> Waterjet Part <input type="checkbox"/> Bend Part <input type="checkbox"/> Tap Holes <input type="checkbox"/> Test fitment			Possibly can bend with a vise if necessary	
Headers	Brenden,	<input type="checkbox"/> Print Jigs <input checked="" type="checkbox"/> Primary 1 <input checked="" type="checkbox"/> Primary 2 <input checked="" type="checkbox"/> Primary 3 <input checked="" type="checkbox"/> Primary 4 <input type="checkbox"/> Collector Jig <input type="checkbox"/> Engine Jig <input type="checkbox"/> Collector to primary jig <input checked="" type="checkbox"/> Order Form <input checked="" type="checkbox"/> Need Primary Pipe <input checked="" type="checkbox"/> Need titanium <input checked="" type="checkbox"/> Need stainless V-band <input type="checkbox"/> Collector <input type="checkbox"/> Print Paper Guides <input type="checkbox"/> Glue Paper Guides <input type="checkbox"/> Cut to guides <input type="checkbox"/> Source bandsaw <input type="checkbox"/> Assemble using jig <input type="checkbox"/> Tac using jig <input type="checkbox"/> Full weld <input type="checkbox"/> Well to primary's <input type="checkbox"/> Bungs <input checked="" type="checkbox"/> Source stock for bungs <input type="checkbox"/> Collect the cad <input type="checkbox"/> Create the CAM <input type="checkbox"/> Mill the Part <input type="checkbox"/> Weld to primary's using the jig <input type="checkbox"/> Flanges <input type="checkbox"/> Create DXF of Flange <input type="checkbox"/> Waterjet the flanges <input type="checkbox"/> Install on Primarys BEFORE welding the bungs <input type="checkbox"/> Primary's x4 <input type="checkbox"/> Create Piecut jig <input type="checkbox"/> Grind and place the piecuts in the jigs <input type="checkbox"/> Tac together <input type="checkbox"/> Full weld <input type="checkbox"/> Full Assembly	In Progress		Marco has mentioned a sponsor has offered to provide a chop saw for pie cuts	
EV - Spool	Liz	<input checked="" type="checkbox"/> Source 5in round stock 7075 <input checked="" type="checkbox"/> Run FEA with Jesse Impulse Load <input type="checkbox"/> Put new fea in PP <input type="checkbox"/> Order C-Clip <input type="checkbox"/> CAM Spool <input type="checkbox"/> Machine Spool		In progress		
IC Diff Carriers	Alex	<input checked="" type="checkbox"/> Jet right diff carrier <input checked="" type="checkbox"/> Jet left carrier <input checked="" type="checkbox"/> Jet right bearing carrier <input checked="" type="checkbox"/> Jet left bearing carrier <input type="checkbox"/> Mill holes <input type="checkbox"/> Press bearings <input type="checkbox"/> Test fit				
IC Heatshield	Pete, anyone	<input checked="" type="checkbox"/> Double Check Fitment <input type="checkbox"/> Waterjet the profile <input type="checkbox"/> Bend to shape <input type="checkbox"/> Need to do a drawing				
ETS		<input type="checkbox"/> Anchor Dyno <input type="checkbox"/> Find Anchor <input checked="" type="checkbox"/> Finish Welding				

		<input type="checkbox"/> Clean wiring <input type="checkbox"/> Jet the engine Mount <input type="checkbox"/> Test Fit engine <input type="checkbox"/> Drill holes in stand <input type="checkbox"/> Cut out sprocket carriers and mount arms <input type="checkbox"/> Order sprocket			
Cooling Test					
BSFC Test	Heily, brenden, paddy				
Engine Rebuild		<input checked="" type="checkbox"/> Organize Tools and parts <input type="checkbox"/> Source a good torque wrench, bore gauge, plastigauge, and micrometers <input type="checkbox"/> Clean engine parts <input type="checkbox"/> Figure out where which piston goes where. <ul style="list-style-type: none"> <input type="checkbox"/> Measure bore in 3 locations <input type="checkbox"/> Measure piston <input type="checkbox"/> Calculate bore piston clearance <input type="checkbox"/> <input type="checkbox"/> Measure the crank bore with new bearings in <ul style="list-style-type: none"> <input type="checkbox"/> Torque plate installed with plastigauge <input type="checkbox"/> Measure crank seat <input type="checkbox"/> Measure piston bearing <input type="checkbox"/> Calculate bearing clearances <input type="checkbox"/> Reassemble the engine 			

CAD (update as needed)

Project	Assigned to	Task list	Priority	Status	Failure Analysis (Y or N)	Notes
Oil System	Alexander and paddy and Pete	<input checked="" type="checkbox"/> Oil Cooler Water Lines <input checked="" type="checkbox"/> Check for correct Oil pan <input type="checkbox"/> Check for correct Oil Pickup(Optional) <input checked="" type="checkbox"/> Scavenge Sections? <input type="checkbox"/> -Add Plug where scavenge sections was	Low			
Cooling System	Pete/paddy, Britton, and brenden	<input checked="" type="checkbox"/> Finalize water pump position <input checked="" type="checkbox"/> Radiator hoses <ul style="list-style-type: none"> -Check fitment <input checked="" type="checkbox"/> Water pump bracket - brenden <input checked="" type="checkbox"/> Need hoses for overflow <input checked="" type="checkbox"/> Other Hoses <input checked="" type="checkbox"/> Flanges <input checked="" type="checkbox"/> Bolts <input checked="" type="checkbox"/> Radiator Position? <input checked="" type="checkbox"/> Radiator Mount Cutouts	High	In progress		
Intake	Paddy and Carter and Pete	<input checked="" type="checkbox"/> Need Bolts into engine <input checked="" type="checkbox"/> Need proper throttle wheel <input checked="" type="checkbox"/> Need Proper throttle bracket <input checked="" type="checkbox"/> Fix Positioning relative to head restraint	Low			
Fuel System	Britton and Matthew and James and Pete	<input checked="" type="checkbox"/> Add fuel pressure regulator <input checked="" type="checkbox"/> Add return line from fuel reg <input checked="" type="checkbox"/> Missing Baffle on one side <input checked="" type="checkbox"/> Old fuel pump still in there <input checked="" type="checkbox"/> Get rid of suppressed bullshit	Low	In progress		
Exhaust	Brenden Peter	<input checked="" type="checkbox"/> Add in header bungs <input checked="" type="checkbox"/> Heat shield interfering battery box <input checked="" type="checkbox"/> Refine sheet metal layout for Heat Shield <input checked="" type="checkbox"/> Muffler mounting tube bolt	High			
Pneumatic Shifting	Brenden and mihai	<input type="checkbox"/>	High			
IC Driveline	Brenden and dean	<input type="checkbox"/> Hardware on sprocket <input checked="" type="checkbox"/> Axel Position? <input checked="" type="checkbox"/> Unconstrained assembly <input checked="" type="checkbox"/> Adjust chain guard? <input type="checkbox"/> Hardware on whole assembly	High			
EV Driveline	Liz	<input checked="" type="checkbox"/> Mate front sprocket <input checked="" type="checkbox"/> Add spool carrier bearings <input checked="" type="checkbox"/> Fix axle misalignment <input type="checkbox"/> Mate everything correctly	High	In progress		

		<input type="checkbox"/> Update folders/organize <input type="checkbox"/> Check fitment in Main Static (especially axle position)				
Instruments and wiring	Pete	<input checked="" type="checkbox"/> Fix head restraint assembly <input checked="" type="checkbox"/> Make head restraint EV config <input checked="" type="checkbox"/> Check position of battery box <input checked="" type="checkbox"/> ECU Mounts <input checked="" type="checkbox"/> Seat <input type="checkbox"/> Pedal Box updates (pending) <input checked="" type="checkbox"/> PDU (working with Justin) <input checked="" type="checkbox"/> Missing hardware				
Powertrain	Petey	<input checked="" type="checkbox"/> Need inter-assembly hardware <input checked="" type="checkbox"/> Header Flanges <input checked="" type="checkbox"/> Intake Flanges <input checked="" type="checkbox"/> Gas Tank <input checked="" type="checkbox"/> Motor Mounts <input checked="" type="checkbox"/> Thermostat Housing <input checked="" type="checkbox"/> Coolant inlet <input checked="" type="checkbox"/> Oil Pan bolts <input checked="" type="checkbox"/> Water Pump				
Aero	Pete	<input checked="" type="checkbox"/> Finish support rod mounts geometry				

Project	Assigned to	Task list	Priority	Status	Failure Analysis (Y or N)	Notes
IC Dash	Grayson marks	<input checked="" type="checkbox"/> Design phase <input checked="" type="checkbox"/> Pp1 <input checked="" type="checkbox"/> Pp2 <input checked="" type="checkbox"/> Pp3 <input checked="" type="checkbox"/> Pp4 <input checked="" type="checkbox"/> Put into an Order form <input checked="" type="checkbox"/> Ordered <input checked="" type="checkbox"/> Some Parts Arrived <input checked="" type="checkbox"/> Parts Arrived <input checked="" type="checkbox"/> Normalcy check / Assembling <input type="checkbox"/> Code				
IC Dahs Case	Seth	<input checked="" type="checkbox"/> Design phase <input checked="" type="checkbox"/> Pp1 <input checked="" type="checkbox"/> Pp2 <input checked="" type="checkbox"/> Pp3 <input checked="" type="checkbox"/> Pp4 <input checked="" type="checkbox"/> Printed <input checked="" type="checkbox"/> Tabs in Manu list <input checked="" type="checkbox"/> Old dash tabs in manu list <input checked="" type="checkbox"/> Parts ordered? <input type="checkbox"/> Assembled <input type="checkbox"/> Tabs welded <input type="checkbox"/> On car				
IC front harness	Crawford	Done .				
IC rear harness						
IC GUI	Chance	<input checked="" type="checkbox"/> Concept <input type="checkbox"/>			Done around January First	
IC front rapdharness						

21qVD

Monday, July 10, 2023 3:22 PM

Project	12Q	Task list	Priority	Status	Failure Analysis (Y or N)	Notes
Alignment	Emil	<input checked="" type="checkbox"/> Design considerations <input checked="" type="checkbox"/> Order stock for alignment platforms + hub stand (may vary in order depending on cost and time) <input checked="" type="checkbox"/> Manufacture Alignment platform and hub stands <input checked="" type="checkbox"/> At 2 sets verify alignment can be done or if any fitment or design changes need to be made	^ does not need to be completed right now	working	n/a	
Pedal Box	Bray	<input type="checkbox"/> Order necessary sheet metal (if any) <input checked="" type="checkbox"/> Put final CAD assembly into PDM <input type="checkbox"/> Manufacturing <ul style="list-style-type: none"> <input type="checkbox"/> look into options for manufacturing (waterjet here, sendcutsend, sponsor, etc.) <input type="checkbox"/> Jigs? if necessary would only be for side rails welded to chassis <input type="checkbox"/> Weld and manufacture assembly <input type="checkbox"/> test fit into cars <input type="checkbox"/> verify passes tech inspection	^ because of recycling components the assembly can get done around February (not accounting for any manufacturing delays)	in progress	Y	somewhere in the middle we either need to remanufacture the same or get new pedal faces
Upright	Sam	<input checked="" type="checkbox"/> final CAD <input checked="" type="checkbox"/> Drawings + tolerances <input type="checkbox"/> manufacturing <ul style="list-style-type: none"> <input checked="" type="checkbox"/> method: in house, sponsored, outsource, etc. (should ideally be done with drawings and final CAD in hand) <input type="checkbox"/> manufacture <input type="checkbox"/> Test fit one corner of front and rear for fitment <input type="checkbox"/> verify camber gradient in real world (camber deg per shim added)	need to get done super early	yes	Y	

EV Project Tracking

Thursday, December 21, 2023 10:46 AM

Template

Monday, June 26, 2023 9:09 PM

Project	Assigned to	Task list	Priority	Status	Failure Analysis (Y or N)	Notes
Fuel tank	Brenden	<input checked="" type="checkbox"/> - CAD <input checked="" type="checkbox"/> - Water Jet <input checked="" type="checkbox"/> - Weld <input checked="" type="checkbox"/> - Tubing <input checked="" type="checkbox"/> - Cap and flange <input checked="" type="checkbox"/> - Cut neck <input checked="" type="checkbox"/> - Turn neck <input checked="" type="checkbox"/> - Make cap? <input checked="" type="checkbox"/> - Get wire pass thru <input checked="" type="checkbox"/> - Add drainplug <input checked="" type="checkbox"/> - Order neck parts <input checked="" type="checkbox"/> - tube	HIGH	In Progress		- Fuel tank mounted in main static - Scheduled meeting 01/23 for update

If you hit a failure point during or after the build process, FILL OUT step 5 of proposals "Failure Analysis"

Aero

Monday, July 10, 2023 3:22 PM

Composites

Monday, July 10, 2023 3:22 PM

Project	Assigned to	Task list	Priority	Status	Failure Analysis (Y or N)	Notes
Carbon Grounding						
Firewall						
Floor Pan Rear Back						
Floor Pan Rear Front						
Ev Seat		<input checked="" type="checkbox"/> Design Part <input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input checked="" type="checkbox"/> Sand high spots (low grit) <input type="checkbox"/> Fill Low spots (Bondo) <input type="checkbox"/> Sand excess bondo <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 1 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 2 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 3 <input type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl				
RW MP Top		<input checked="" type="checkbox"/> Design Part <input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input checked="" type="checkbox"/> Sand high spots (low grit) <input checked="" type="checkbox"/> Fill Low spots (Bondo) <input checked="" type="checkbox"/> Sand excess bondo <input checked="" type="checkbox"/> Sand to 400 grit <input checked="" type="checkbox"/> Polyurethane coat 1 <input checked="" type="checkbox"/> Sand to 400 grit <input checked="" type="checkbox"/> Polyurethane coat 2 <input checked="" type="checkbox"/> Sand to 400 grit <input checked="" type="checkbox"/> Polyurethane coat 3 <input type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat				

	<ul style="list-style-type: none"> <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl 			
RW MP Bottom	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Design Part <input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input checked="" type="checkbox"/> Sand high spots (low grit) <input checked="" type="checkbox"/> Fill Low spots (Bondo) <input checked="" type="checkbox"/> Sand excess bondo <input checked="" type="checkbox"/> Sand to 400 grit <input checked="" type="checkbox"/> Polyurethane coat 1 <input checked="" type="checkbox"/> Sand to 400 grit <input checked="" type="checkbox"/> Polyurethane coat 2 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 3 <input type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl 			
RW MP Spar	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Design Part <input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input type="checkbox"/> Sand high spots (low grit) <input type="checkbox"/> Fill Low spots (Bondo) <input type="checkbox"/> Sand excess bondo <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 1 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 2 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 3 			

	<input type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
RW E2 Top	<input checked="" type="checkbox"/> Design Part <input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input checked="" type="checkbox"/> Sand high spots (low grit) <input checked="" type="checkbox"/> Fill Low spots (Bondo) <input checked="" type="checkbox"/> Sand excess bondo <input checked="" type="checkbox"/> Sand to 400 grit <input checked="" type="checkbox"/> Polyurethane coat 1 <input checked="" type="checkbox"/> Sand to 400 grit <input checked="" type="checkbox"/> Polyurethane coat 2 <input checked="" type="checkbox"/> Sand to 400 grit <input checked="" type="checkbox"/> Polyurethane coat 3 <input checked="" type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
RW E2 Bottom	<input checked="" type="checkbox"/> Design Part		

	<input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input checked="" type="checkbox"/> Sand high spots (low grit) <input checked="" type="checkbox"/> Fill Low spots (Bondo) <input checked="" type="checkbox"/> Sand excess bondo <input checked="" type="checkbox"/> Sand to 400 grit <input checked="" type="checkbox"/> Polyurethane coat 1 <input checked="" type="checkbox"/> Sand to 400 grit <input checked="" type="checkbox"/> Polyurethane coat 2 <input checked="" type="checkbox"/> Sand to 400 grit <input checked="" type="checkbox"/> Polyurethane coat 3 <input checked="" type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
RW E3 Top	<input checked="" type="checkbox"/> Design Part <input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input type="checkbox"/> Sand high spots (low grit) <input type="checkbox"/> Fill Low spots (Bondo) <input type="checkbox"/> Sand excess bondo <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 1 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 2 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 3 <input type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup		

	<input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
RW E3 Bottom	<input checked="" type="checkbox"/> Design Part <input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input type="checkbox"/> Sand high spots (low grit) <input type="checkbox"/> Fill Low spots (Bondo) <input type="checkbox"/> Sand excess bondo <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 1 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 2 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 3 <input type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
RW E4 Top	<input checked="" type="checkbox"/> Design Part <input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input type="checkbox"/> Sand high spots (low grit) <input type="checkbox"/> Fill Low spots (Bondo)		

	<input type="checkbox"/> Sand excess bondo <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 1 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 2 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 3 <input type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
RW E4 Bottom	<input checked="" type="checkbox"/> Design Part <input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input type="checkbox"/> Sand high spots (low grit) <input type="checkbox"/> Fill Low spots (Bondo) <input type="checkbox"/> Sand excess bondo <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 1 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 2 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 3 <input type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat		

	<input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
RW Endplate Right	<input checked="" type="checkbox"/> Design Part <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
RW Endplate Left	<input checked="" type="checkbox"/> Design Part <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
RW Gurney Flap	<input checked="" type="checkbox"/> Design Part <input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input type="checkbox"/> Sand high spots (low grit) <input type="checkbox"/> Fill Low spots (Bondo) <input type="checkbox"/> Sand excess bondo <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 1 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 2 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 3		

	<input type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
Right SW MP Top	<input checked="" type="checkbox"/> Design Part <input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input type="checkbox"/> Sand high spots (low grit) <input type="checkbox"/> Fill Low spots (Bondo) <input type="checkbox"/> Sand excess bondo <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 1 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 2 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 3 <input type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
Right SW MP Bottom	<input checked="" type="checkbox"/> Design Part		

	<input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input type="checkbox"/> Sand high spots (low grit) <input type="checkbox"/> Fill Low spots (Bondo) <input type="checkbox"/> Sand excess bondo <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 1 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 2 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 3 <input type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
Right SW E2 Top	<input checked="" type="checkbox"/> Design Part <input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input type="checkbox"/> Sand high spots (low grit) <input type="checkbox"/> Fill Low spots (Bondo) <input type="checkbox"/> Sand excess bondo <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 1 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 2 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 3 <input type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup		

	<input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
Right SW E2 Bottom	<input checked="" type="checkbox"/> Design Part <input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input type="checkbox"/> Sand high spots (low grit) <input type="checkbox"/> Fill Low spots (Bondo) <input type="checkbox"/> Sand excess bondo <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 1 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 2 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 3 <input type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
Right SW E3 Top	<input checked="" type="checkbox"/> Design Part <input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input type="checkbox"/> Sand high spots (low grit) <input type="checkbox"/> Fill Low spots (Bondo)		

	<input type="checkbox"/> Sand excess bondo <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 1 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 2 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 3 <input type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
Right SW E3 Bottom	<input checked="" type="checkbox"/> Design Part <input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input type="checkbox"/> Sand high spots (low grit) <input type="checkbox"/> Fill Low spots (Bondo) <input type="checkbox"/> Sand excess bondo <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 1 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 2 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 3 <input type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat		

	<ul style="list-style-type: none"> <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl 		
Right SW E4 Top	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Design Part <input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input type="checkbox"/> Sand high spots (low grit) <input type="checkbox"/> Fill Low spots (Bondo) <input type="checkbox"/> Sand excess bondo <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 1 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 2 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 3 <input type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl 		
Right SW E4 Bottom	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Design Part <input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input type="checkbox"/> Sand high spots (low grit) <input type="checkbox"/> Fill Low spots (Bondo) <input type="checkbox"/> Sand excess bondo <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 1 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 2 		

	<input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 3 <input type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
Right SW Endplate Outer	<input checked="" type="checkbox"/> Design Part <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
Right SW Endplate Inner	<input checked="" type="checkbox"/> Design Part <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
Right SW Joint	<input checked="" type="checkbox"/> Design Part		

	<input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input type="checkbox"/> Sand high spots (low grit) <input type="checkbox"/> Fill Low spots (Bondo) <input type="checkbox"/> Sand excess bondo <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 1 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 2 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 3 <input type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
Left SW MP Top	<input checked="" type="checkbox"/> Design Part <input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input type="checkbox"/> Sand high spots (low grit) <input type="checkbox"/> Fill Low spots (Bondo) <input type="checkbox"/> Sand excess bondo <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 1 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 2 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 3 <input type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup		

	<input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
Left SW MP Bottom	<input checked="" type="checkbox"/> Design Part <input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input type="checkbox"/> Sand high spots (low grit) <input type="checkbox"/> Fill Low spots (Bondo) <input type="checkbox"/> Sand excess bondo <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 1 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 2 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 3 <input type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
Left SW E2 Top	<input checked="" type="checkbox"/> Design Part <input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input type="checkbox"/> Sand high spots (low grit)		

	<input type="checkbox"/> Fill Low spots (Bondo) <input type="checkbox"/> Sand excess bondo <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 1 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 2 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 3 <input type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
Left SW E2 Bottom	<input checked="" type="checkbox"/> Design Part <input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input type="checkbox"/> Sand high spots (low grit) <input type="checkbox"/> Fill Low spots (Bondo) <input type="checkbox"/> Sand excess bondo <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 1 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 2 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 3 <input type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand		

	<input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
Left SW E3 Top	<input checked="" type="checkbox"/> Design Part <input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input type="checkbox"/> Sand high spots (low grit) <input type="checkbox"/> Fill Low spots (Bondo) <input type="checkbox"/> Sand excess bondo <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 1 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 2 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 3 <input type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
Left SW E3 Bottom	<input checked="" type="checkbox"/> Design Part <input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input type="checkbox"/> Sand high spots (low grit) <input type="checkbox"/> Fill Low spots (Bondo) <input type="checkbox"/> Sand excess bondo <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 1 <input type="checkbox"/> Sand to 400 grit		

	<input type="checkbox"/> Polyurethane coat 2 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 3 <input type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
Left SW E4 Top	<input checked="" type="checkbox"/> Design Part <input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input type="checkbox"/> Sand high spots (low grit) <input type="checkbox"/> Fill Low spots (Bondo) <input type="checkbox"/> Sand excess bondo <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 1 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 2 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 3 <input type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly		

	<input type="checkbox"/> Apply vinyl		
Left SW E4 Bottom	<input checked="" type="checkbox"/> Design Part <input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input type="checkbox"/> Sand high spots (low grit) <input type="checkbox"/> Fill Low spots (Bondo) <input type="checkbox"/> Sand excess bondo <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 1 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 2 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 3 <input type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
Left SW Outer Endplate	<input checked="" type="checkbox"/> Design Part <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
Left SW Inner Endplate	<input checked="" type="checkbox"/> Design Part		

	<input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
Left SW Joint	<input checked="" type="checkbox"/> Design Part <input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input type="checkbox"/> Sand high spots (low grit) <input type="checkbox"/> Fill Low spots (Bondo) <input type="checkbox"/> Sand excess bondo <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 1 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 2 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 3 <input type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
FW MP Top	<input checked="" type="checkbox"/> Design Part <input checked="" type="checkbox"/> Design Mold		

	<input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input type="checkbox"/> Sand high spots (low grit) <input type="checkbox"/> Fill Low spots (Bondo) <input type="checkbox"/> Sand excess bondo <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 1 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 2 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 3 <input type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
FW MP Bottom	<input checked="" type="checkbox"/> Design Part <input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input checked="" type="checkbox"/> Sand high spots (low grit) <input checked="" type="checkbox"/> Fill Low spots (Bondo) <input checked="" type="checkbox"/> Sand excess bondo <input checked="" type="checkbox"/> Sand to 400 grit <input checked="" type="checkbox"/> Polyurethane coat 1 <input checked="" type="checkbox"/> Sand to 400 grit <input checked="" type="checkbox"/> Polyurethane coat 2 <input checked="" type="checkbox"/> Sand to 400 grit <input checked="" type="checkbox"/> Polyurethane coat 3 <input checked="" type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect		

	<input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
FW MP Spar	<input checked="" type="checkbox"/> Design Part <input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input type="checkbox"/> Sand high spots (low grit) <input type="checkbox"/> Fill Low spots (Bondo) <input type="checkbox"/> Sand excess bondo <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 1 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 2 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 3 <input type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
FW E2 Right	<input checked="" type="checkbox"/> Design Part <input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input type="checkbox"/> Sand high spots (low grit) <input type="checkbox"/> Fill Low spots (Bondo) <input type="checkbox"/> Sand excess bondo		

	<input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 1 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 2 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 3 <input type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
FW E2 Left	<input checked="" type="checkbox"/> Design Part <input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input type="checkbox"/> Sand high spots (low grit) <input type="checkbox"/> Fill Low spots (Bondo) <input type="checkbox"/> Sand excess bondo <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 1 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 2 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 3 <input type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish		

		<input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
FW E3 Right		<input checked="" type="checkbox"/> Design Part <input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input type="checkbox"/> Sand high spots (low grit) <input type="checkbox"/> Fill Low spots (Bondo) <input type="checkbox"/> Sand excess bondo <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 1 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 2 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 3 <input type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
FW E3 Left		<input checked="" type="checkbox"/> Design Part <input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input type="checkbox"/> Sand high spots (low grit) <input type="checkbox"/> Fill Low spots (Bondo) <input type="checkbox"/> Sand excess bondo <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 1 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 2 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 3		

	<input type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
FW Endplate Right	<input checked="" type="checkbox"/> Design Part <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
FW Endplate Left	<input checked="" type="checkbox"/> Design Part <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
FW Inner Endplate Left	<input checked="" type="checkbox"/> Design Part <input type="checkbox"/> Cut materials for layup		

	<input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
FW Outer Endplate Left	<input checked="" type="checkbox"/> Design Part <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
FW Inner Endplate Right	<input checked="" type="checkbox"/> Design Part <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
FW Outer Endplate Right	<input checked="" type="checkbox"/> Design Part <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish		

	<input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
FW Vortex Generator Right	<input checked="" type="checkbox"/> Design Part <input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input type="checkbox"/> Sand high spots (low grit) <input type="checkbox"/> Fill Low spots (Bondo) <input type="checkbox"/> Sand excess bondo <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 1 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 2 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 3 <input type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
FW Vortex Generator Left	<input checked="" type="checkbox"/> Design Part <input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input type="checkbox"/> Sand high spots (low grit) <input type="checkbox"/> Fill Low spots (Bondo) <input type="checkbox"/> Sand excess bondo <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 1 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 2 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 3		

	<ul style="list-style-type: none"> <input type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl 		
FW Endplate Gurney Flap Right	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Design Part <input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input type="checkbox"/> Sand high spots (low grit) <input type="checkbox"/> Fill Low spots (Bondo) <input type="checkbox"/> Sand excess bondo <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 1 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 2 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 3 <input type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl 		
FW Endplate Gurney Flap Left	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Design Part 		

	<input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input type="checkbox"/> Sand high spots (low grit) <input type="checkbox"/> Fill Low spots (Bondo) <input type="checkbox"/> Sand excess bondo <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 1 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 2 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 3 <input type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
FW Winglet Right	<input checked="" type="checkbox"/> Design Part <input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input type="checkbox"/> Sand high spots (low grit) <input type="checkbox"/> Fill Low spots (Bondo) <input type="checkbox"/> Sand excess bondo <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 1 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 2 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 3 <input type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup		

	<input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
FW Winglet Left	<input checked="" type="checkbox"/> Design Part <input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input type="checkbox"/> Sand high spots (low grit) <input type="checkbox"/> Fill Low spots (Bondo) <input type="checkbox"/> Sand excess bondo <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 1 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 2 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 3 <input type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
Undertray	<input checked="" type="checkbox"/> Design Part <input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input checked="" type="checkbox"/> Sand high spots (low grit) <input checked="" type="checkbox"/> Fill Low spots (Bondo)		

	<input checked="" type="checkbox"/> Sand excess bondo <input checked="" type="checkbox"/> Sand to 400 grit <input checked="" type="checkbox"/> Polyurethane coat 1 <input checked="" type="checkbox"/> Sand to 400 grit <input checked="" type="checkbox"/> Polyurethane coat 2 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 3 <input type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
Right Outer Strake	<input checked="" type="checkbox"/> Design Part <input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input type="checkbox"/> Sand high spots (low grit) <input type="checkbox"/> Fill Low spots (Bondo) <input type="checkbox"/> Sand excess bondo <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 1 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 2 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 3 <input type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat		

	<input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
Right Inner Strake	<input checked="" type="checkbox"/> Design Part <input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input type="checkbox"/> Sand high spots (low grit) <input type="checkbox"/> Fill Low spots (Bondo) <input type="checkbox"/> Sand excess bondo <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 1 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 2 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 3 <input type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
Middle Strake	<input checked="" type="checkbox"/> Design Part <input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input type="checkbox"/> Sand high spots (low grit) <input type="checkbox"/> Fill Low spots (Bondo) <input type="checkbox"/> Sand excess bondo <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 1 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 2		

	<input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 3 <input type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
Left Inner Strake	<input checked="" type="checkbox"/> Design Part <input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input type="checkbox"/> Sand high spots (low grit) <input type="checkbox"/> Fill Low spots (Bondo) <input type="checkbox"/> Sand excess bondo <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 1 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 2 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 3 <input type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		

Left outer Strake	<input checked="" type="checkbox"/> Design Part <input checked="" type="checkbox"/> Design Mold <input checked="" type="checkbox"/> CAM <input checked="" type="checkbox"/> CNC <input type="checkbox"/> Sand high spots (low grit) <input type="checkbox"/> Fill Low spots (Bondo) <input type="checkbox"/> Sand excess bondo <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 1 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 2 <input type="checkbox"/> Sand to 400 grit <input type="checkbox"/> Polyurethane coat 3 <input type="checkbox"/> Sand surface to 800 grit at least <input type="checkbox"/> Apply mold wax <input type="checkbox"/> Spray PVA <input type="checkbox"/> Cut materials for layup <input type="checkbox"/> Wet Layup <input type="checkbox"/> Remove bagging and inspect <input type="checkbox"/> Release from mold <input type="checkbox"/> Trim <input type="checkbox"/> Fine sand <input type="checkbox"/> Clear coat <input type="checkbox"/> Buff and polish <input type="checkbox"/> Set up for assembly to counterpart <input type="checkbox"/> Adhere two skins with ribs and spars <input type="checkbox"/> Bolt together with wing assembly <input type="checkbox"/> Apply vinyl		
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If you hit a failure point during or after the build process, FILL OUT step 5 of proposals "Failure Analysis"

Undertray and strakes are foam = NO

Priority		Key	
High	Medium	Waiting to be assigned (someone grab it!)	In progress (assigned, and being worked on)
Medium	Low	(done) Completed Completed (review later)	

System	Project	Assigned to	Task list	Priority	Status	Notes
Phase leads	Y connection covers		<ul style="list-style-type: none"> ✓ Cover for the y connection to the motor (goal is to cover up and protect the ring terminal connection so it doesn't look sketchy) ✓ CAD a solution (probably 3D printed) ✓ Print a test piece Revise the part Print a final version 	Low	Waiting to be assigned	Now have co-ax connection! Just need to cover the straight ring terminals
Phase leads	HV Wire path		<ul style="list-style-type: none"> ✓ Layout a diagram for the connections (in onenote) Mount motor in chassis Mount the top side chassis Mount the Y terminal side Mock up the wire routing/lengths between the y junction and the inverter Figure out where to ground shielding (I assume inverter?) ✓ Cut wires to length Crimping terminal Crimp wires to each other Connect wires! 	High	Waiting to be assigned	Diagram is in onenote under HV Path Diagrams, just need to shorten the current wires for the inverter placement
Lid to Inverter	HV Wire path		<ul style="list-style-type: none"> ✓ New connectors from TE? Double-sided wires are somewhere, haven't been doing some emailing back and forth but has been getting ghosted ✓ Straight pigtail to the inverter Double-sided connector for acc to charger Measure lengths Cut wire Trim ends Assemble 	High	Waiting to be assigned	Current wires are longer than needed. Will need to trim down and recomp inverter side fittings. We have the needed crimp and crimping tools. Just need to figure out how to trim wires when trimming lengths, as too short will place stress on the wires. I think I can cut at worst, not fit, but too long will also push on the inverter.
Powertrain	Motor vinyl	Vinyl subgroup 0	Yellow vinyl on outside of motor	Medium	Waiting to be assigned	Refresh for this year
Powertrain	Motor install		Give to vinyl subgroup for protective vinyl install motor in car	High	Waiting to be assigned	Safety wire bolts Put chassis on

Manufacturing							
System	Project	Assigned to	Item/part	Quantity	Stock	Drawing complete? (CAD)	Machine type
							Machined/Obtained
							Assembled?
							Completed? (on car)
							Notes

COTS							
System	Project	Assigned to	Item/part	Quantity	Order list submitted by lead?	Order list submitted to Louise?	Order list submitted by Louise? (On KSS? (being transferred))

Accumulator						
System	Project	Assigned to	Task list	Priority	Status	Notes
Modules	HV Wiring between modules		<ul style="list-style-type: none"> ✓ Get sample piece of wire ✓ Check bend radius ✓ Remove shielding ✓ Cut back insulation again ✓ Decide between shielding or no shielding Figure out lengths Put wires in insulation in onenote Save sample piece of wire & shielding in safe spot for future reference 	High	Completed	Will be reusing the previous year's wires
Modules	HV Wiring to endline boards with the wires that go to the lid		<ul style="list-style-type: none"> Diagram is in onenote under HV Path Diagrams, just need to shorten the current wires for the inverter placement ✓ Assembling wires Cut wire to lengths specified in onenote (6") Remove inner layer of shielding for exposed wire to go into crimp (1/4"-7/8") Lay out wires in the correct order (see onenote, with the certain 180 and 90 degree ones) Insert wire into sunlocks & crimp Repeat above 	High	Waiting to be assigned	
Modules	Assembly of modules		<ul style="list-style-type: none"> Have assembled bottom end lid Cut wires to correct lengths Remove outer layer of shielding Remove inner layer of shielding for exposed wire to go into crimp (1/4"-7/8") Lay out wires in the correct order (see onenote, with the certain 180 and 90 degree ones) Insert wire into sunlocks & crimp Repeat above for other wires 	High	Waiting to be assigned	Modules are mostly built. Each module needs the new LV boards, new busbars.
Lid	AIRS/Contactors		<ul style="list-style-type: none"> ✓ Obtain heat shrink sleeves Heat thread inserts Glue top cover Install heat shrink sleeves and taping Shave handles & modules for fitment Number modules 	High	Waiting to be assigned	
Lid	Poly carb cover for lid cover		<ul style="list-style-type: none"> Obtain clear poly carb Obtain the washers for busbars Obtain the voltage tap harnesses (LV) Obtain the heatshrink sleeves (LV) Begin module assembly Remove each module from old acc Install each module into acc at a time Bag & label all removed components from modules 	Low	Waiting to be assigned	
Box	Cooling fans on the outside of acc		<ul style="list-style-type: none"> ✓ Fans Order the fans Receive the fans There is a fan mount in CAD print Get orange/black part for new fan mount Check if can probe through into HV stuff, EV rules 	Medium	Waiting to be assigned	Needs printing and assembling, as well as figuring out the harnessing
Charger upgrades	Fix 12v supply		12v power to acc	High	Waiting to be assigned	Need to fix 12v Supply
Modules	Pole module covers		Review design possibility	Medium	Waiting to be assigned	Could reuse some of the older ones, fitment isn't great though
Box	Battery nomex covers against inside walls		✓ Already done	Medium	Completed	EV 6.2.2 EV 6.2.3 In EV toolbox drawer if we need
Lid	Add nomex to inside of lid border walls		Measure and design the pieces to cover the walls Laser cut pieces Glue into lid	Low	Needs to be assigned	Should coat the inside of the lid again

Cooling System			
System	Project	Assigned to	Task list
All	GENERAL TODO		<ul style="list-style-type: none"> ✓ CAD outlines Make all fittings & tube needs Check stock of current fittings & lines & get more Double check CAD for fittings & lines Order any needed items Make mounts Local parts Wire up pump Fit lines and test
Radiator	Mounts		<ul style="list-style-type: none"> ✓ Mounts Mounts Mount on car
Pump	Mount		<ul style="list-style-type: none"> ✓ CAD water pump ✓ CAD pump Move further to the rear Manufacture mounts Mounts
Motor	Fittings		<ul style="list-style-type: none"> Find CAD? There is the old one sitting in the inverter in the shop Ask for drawings & drawings Give to manufacturing If so, then we good and add to list If not, uh, we gotta figure something else out A short swell 90 to straight
Inverter	Fittings		<ul style="list-style-type: none"> Check the fitment between this area and the inverter Only 10 of clearance Set a 10mm tube with 00 degree fitting Clear between this and the inverter Let lead know if we need to do this Make 10mm tube lengths & how much we will need/rebuild it Ask for drawings & drawings if we have enough, or check by hand against the routing in the car Check for any干涉 (interference) we have already We will know if we need to do this Will be reusing old hose and fittings Waiting on pump fittings to come Waiting on 2 motor fittings to make
All	List of fittings need		<ul style="list-style-type: none"> Make list of fittings under cooling in onenote and compare to CAD and make sure they are the same Check fittings in coding buckles Locate cabinet to see what has been used There may be some on the old cooling loop in the car Check for any干涉 (interference) we have already Let lead know if we need to do this We will be reusing old hose and fittings Waiting on pump fittings to come Waiting on 2 motor fittings to make
All	Softline manufacturing		<ul style="list-style-type: none"> Make list of tube lengths & how much we will need/rebuild it Ask for drawings & drawings if we have enough, or check by hand against the routing in the car Check for any干涉 (interference) we have already We will be reusing old hose and fittings Waiting on pump fittings to come Waiting on 2 motor fittings to make
Radiator	Cap/catch can		<ul style="list-style-type: none"> Need a way to fill & bleed the loop not accounted for in the design Radiator cap welded to the side of the radiator Check for any干涉 (interference) Find fitting to screw in Get tube Get fittings for catch can Get fittings for catch can

Priority	Status	Notes
d d s of g near & lid g will use ight? they near I ew der we are we use der we (h) n the ca ble for p- rad?	Waiting to be assigned	System should be completely reused, shouldn't need any major changes.
Medium	Waiting to be assigned	Need to manufacture
Medium	Waiting to be assigned	Need to just cut a new mount and weld on
Medium	Green	Reusing fittings from last year
High	Green	Reusing fittings
High	Green	This is top priority as we need to know if we need to order fittings or lines, but it's been determined that we have everything we need to order. Found 2 bosses of fittings in the shop and updated the fittings list in EVACooling planning, we have everything but the Dr. Old item to do fittings but good to the pump.
Medium	Waiting to be assigned	Probably can reuse lines, may need slight trimming to fit better but should be good
Medium	Waiting to be assigned	Need mount made and welded on, can reuse catch can

Teal - ready to be made
Green - machined/obtained
Orange - waiting for stock arrival
Yellow - need designer input
Magenta - needs Water Jet

If you hit a failure point during or after the build process, FILL OUT step 5 of proposals "Failure Analysis"

Project	Assigned to	Task list	Priority	Status	Failure Analysis (Y or N)	Notes
Module Cell taps Harnesses	Val,,	<input checked="" type="checkbox"/> Need to order <input type="checkbox"/> Make new harnesses for the larger connector <input type="checkbox"/> Replace/ add illgal lengths with an inoine fuse before 150mm on each modules <ul style="list-style-type: none"> <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> Measuere each tempature connection from each cell to the MDB temp connector				Housing https://www.digikey.com/en/products/detail/jst-sales-america-inc/XHP-2/555485
Temapture Harnesses						Crimps https://www.digikey.com/en/products/detail/jst-sales-america-inc/SXH-001T-P0-6N/7041446
Preecharge Discharge		<input type="checkbox"/> Fill out rest of KS6E PP KS6E-Precharge_Discharge.docx <ul style="list-style-type: none"> <input type="checkbox"/> Part 3 <input type="checkbox"/> Part 4 <input type="checkbox"/> Part 5 <input type="checkbox"/> Update Altium with correct resistor values and copastors <input type="checkbox"/> Create an accurate Digi order <input type="checkbox"/> Order parts for 2 spare ? <input type="checkbox"/> Put into an Order form <input type="checkbox"/> Ordered <input type="checkbox"/> Parts Arrived <input type="checkbox"/> Normalcy check / Assembling <ul style="list-style-type: none"> <input type="checkbox"/> Spare 1 <input type="checkbox"/> Spare 2? 				Need this done to order the correct components for a spare baord and for documentation
ACU		<input type="checkbox"/> Fill out rest of KS6E PP KS6E-ACU.docx <ul style="list-style-type: none"> <input type="checkbox"/> Part 5 <input type="checkbox"/> Update Altium with correct resistor values and copastors <input type="checkbox"/> Create an accurate Digi order <input type="checkbox"/> Order parts for 1 spare board <input type="checkbox"/> Put into an Order form <input type="checkbox"/> Ordered <input type="checkbox"/> Parts Arrived <input type="checkbox"/> Normalcy check / Assembling <ul style="list-style-type: none"> <input type="checkbox"/> Spare 1? 				Need this done to order the correct components for a spare baord and for documentation
TSAL Controller		<input checked="" type="checkbox"/> Fill out PP5 for KS6E TSAL controller KS6E Tsal Controller.docx <input checked="" type="checkbox"/> Design phase <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Pp1 <input checked="" type="checkbox"/> Pp2 <input checked="" type="checkbox"/> Pp3 <input checked="" type="checkbox"/> Pp4 <input checked="" type="checkbox"/> Put into an Order form <input checked="" type="checkbox"/> Ordered <input checked="" type="checkbox"/> Parts Arrived <input checked="" type="checkbox"/> Normalcy check / Assembling <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Board 1 <input type="checkbox"/> Spare 			Y	Need to do part 5
AVI	Marco	<input checked="" type="checkbox"/> Fill out PP5 for KS6E AVI KS6E AVI Step 5.docx <input checked="" type="checkbox"/> Design phase <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Pp1 			N	

		<input checked="" type="checkbox"/> Pp2 <input checked="" type="checkbox"/> Pp3 <input checked="" type="checkbox"/> Pp4 <input checked="" type="checkbox"/> Put into an Order form <input checked="" type="checkbox"/> Ordered <input checked="" type="checkbox"/> Parts Arrived <input checked="" type="checkbox"/> Normalcy check / Assembling <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Board 1 <input type="checkbox"/> Spare 			
MDB	Val	<input checked="" type="checkbox"/> Fill out PP5 for KS6E MDB <u>KS6E-MDB.docx</u> <input checked="" type="checkbox"/> Design phase <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Pp1 <input checked="" type="checkbox"/> Pp2 <input checked="" type="checkbox"/> Pp3 <input checked="" type="checkbox"/> Pp4 <input checked="" type="checkbox"/> Put into an Order form <input checked="" type="checkbox"/> Ordered <input checked="" type="checkbox"/> Parts Arrived <input checked="" type="checkbox"/> Normalcy check / Assembling <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Board 1 <input checked="" type="checkbox"/> Board 2 <input checked="" type="checkbox"/> Board 3 <input checked="" type="checkbox"/> Board 4 <input checked="" type="checkbox"/> Board 5 <input checked="" type="checkbox"/> Board 6 <input checked="" type="checkbox"/> Board 7 (Example Module) <input checked="" type="checkbox"/> Board 8 (Spare) <input type="checkbox"/> Board 9 (Spare/BMS testing) <input checked="" type="checkbox"/> Board 10 (BMS testing) <input checked="" type="checkbox"/> Intall in to modules	N		
MDB Code	Gaysonnnn	<input checked="" type="checkbox"/> CAN chip <input type="checkbox"/> Temp /humid sensor <input checked="" type="checkbox"/> make the ACU forward all the temps			<ul style="list-style-type: none"> • https://github.com/KSU-MS/KS6e-MDB • isolated CAN chip • non-Isolated CAN chip • Temp / humid sensor
ESF Opens Sep 22 DUE December 4th		<input checked="" type="checkbox"/> Over View <input checked="" type="checkbox"/> Data Sheets <input checked="" type="checkbox"/> TS Schematics <input checked="" type="checkbox"/> Accumulator <input checked="" type="checkbox"/> PrechargeDischarge <input checked="" type="checkbox"/> Charging <input checked="" type="checkbox"/> Shutdown Circuit <input checked="" type="checkbox"/> Torque Security <input checked="" type="checkbox"/> Other	SSS		<ul style="list-style-type: none"> • Should be easy this year havent chaged the curites of the ACU or Precharge • Modules also havent chaged • Need to up date the things that were flaged and update data sheets need be
Tasl Light	val	<input checked="" type="checkbox"/> Fill out rest of KS6E PP <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Part 5 <u>KS6E TSAL light .docx</u> <input checked="" type="checkbox"/> Design phase <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Pp1 <input checked="" type="checkbox"/> Pp2 <input checked="" type="checkbox"/> Pp3 <input checked="" type="checkbox"/> Pp4 <input checked="" type="checkbox"/> Put into an Order form <input checked="" type="checkbox"/> Ordered <input checked="" type="checkbox"/> Parts Arrived <input type="checkbox"/> Normalcy check / Assembling 			
PDU PCB	Justin	<input checked="" type="checkbox"/> Design phase <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Pp1 <input checked="" type="checkbox"/> Pp2 <input checked="" type="checkbox"/> Pp3 <input checked="" type="checkbox"/> Pp4 <input checked="" type="checkbox"/> Put into an Order form <input type="checkbox"/> Ordered <input type="checkbox"/> Parts Arrived <input type="checkbox"/> Normalcy check / Assembling		Y	
PDU box	Justin	<input checked="" type="checkbox"/> Design phase			

		<input checked="" type="checkbox"/> Pp1 <input checked="" type="checkbox"/> Pp2 <input checked="" type="checkbox"/> Pp3 <input checked="" type="checkbox"/> Pp4 <input type="checkbox"/> Printing <input type="checkbox"/>			
VCU KS6	Mathew	<input type="checkbox"/> Fill out rest of KS6E PP Vehicle Control Unit <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 Failure Analysis <input type="checkbox"/> Fixing/investigating <input checked="" type="checkbox"/> Im not doing a failure analysis cuz I don't think it failed, I think there was a skill issue when it was made and it should be taken up with whoever assembled the board <input checked="" type="checkbox"/> Ordered <input checked="" type="checkbox"/> Parts Arrived <input checked="" type="checkbox"/> Normalcy check / Assembling <input checked="" type="checkbox"/> Starting bring up <input checked="" type="checkbox"/> Test on car <input checked="" type="checkbox"/> Will car pass a full active		Y	
Ev Dash	Needs assignmet	<input checked="" type="checkbox"/> Dash Single digit code <input checked="" type="checkbox"/> Working on bodge <input checked="" type="checkbox"/> Need to tie in to GND and edit code <input type="checkbox"/>		Y	<p>https://github.com/KSU-MS/KS6e_dashboard_fw/pull/4/files#diff-34d21af3c614ea3cee120df276c9c4ae95053830d7f1d3deaf009a4625409ad2 I just pushed a commit to this branch which should turn on the single seven segment on the dash and display the number 4, if anyone would like to take a look</p> <p>i did not get to actually try it on the dash so if anyone wants to do that and then if it works go fully implement the method to display the torque mode from the VCU</p> <p>though its not really useful at all right now i am really just trying to see if it works for my own vindication</p>
GPS breakout board	Chance / Charlie	<input checked="" type="checkbox"/> Get it working with a teensy 4.0 <input checked="" type="checkbox"/> Works with the GPS ultiment, accuracy isn't great, got sponsored a much better one, waiting on that			The How to https://learn.adafruit.com/adafruit-ultimate-gps/overview
EV front harness	val, & anyone interested	<input checked="" type="checkbox"/> Removing pedalbox PCB <input checked="" type="checkbox"/> Editing /cleaning up Dash area . <input checked="" type="checkbox"/> Add Can connectors <input checked="" type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> Add wire going to rear for wheel speed			
EV rear Harn	val, & anyone interested	<input type="checkbox"/> Clean up area where Emeter was added in <input type="checkbox"/> Add emeter connection to main io as well as BSPD test connector			
Acc harnessing	VAL & jonathan	<input type="checkbox"/> Make mock lead board <input type="checkbox"/> Start laying out wires <input type="checkbox"/> Add fuses in for 150mm			
Daq testing board (wood block)	Carter, Britten, Chance	<input type="checkbox"/> Sensors mounted <input type="checkbox"/> Shock pots <input type="checkbox"/> Wheelspeed <input type="checkbox"/> Tire temp <input type="checkbox"/> Steering <input type="checkbox"/> Gps <input type="checkbox"/> Accel.gyro <input type="checkbox"/> Tlemtry			

		<input type="checkbox"/> logger <input type="checkbox"/> Sensors reading/working <input type="checkbox"/> Shock pots <input type="checkbox"/> Wheelspeed <input type="checkbox"/> Tire temp <input type="checkbox"/> Stearing <input type="checkbox"/> Gps <input type="checkbox"/> Accel.gyro <input type="checkbox"/> Tlemerty <input type="checkbox"/> logger			
Logger	Chance	<input checked="" type="checkbox"/> Assembled <input checked="" type="checkbox"/> Normalcy <input checked="" type="checkbox"/> Get people to look over changes <input type="checkbox"/> Reorder board <input type="checkbox"/> Reassemle <input type="checkbox"/> Recheck <input type="checkbox"/> Stores/logs data <input checked="" type="checkbox"/> Update Logger code to receive Vectornave Accel and gyro data			
DRS	Chariley with aero peeps				
Telemetry	Chance	<input type="checkbox"/> Can parse old logs <input type="checkbox"/> Can give live view of some data <input type="checkbox"/> Can be easily setup and ran by anyone			
DAQ platform "user testing"	Chance , Mathew	<p style="color: orange;">★ Ready for user testing Feb 26th</p> <input type="checkbox"/> "add your step/targets to hit in here "			
Parser user testing	Mat	<input type="checkbox"/> Backend tasks: <input checked="" type="checkbox"/> Error handling for if no dbc is found in dbc-files folder <input checked="" type="checkbox"/> Error handling for msg decoding <input checked="" type="checkbox"/> Error logging <input type="checkbox"/> Front end tasks: <input type="checkbox"/> Mock up GUI and get feedback Users said No Gui is fine <input type="checkbox"/> <input type="checkbox"/> Deployment tasks: <input type="checkbox"/> Optimize executable file size <input checked="" type="checkbox"/> Test executable on github actions (check if build works) <input type="checkbox"/> Set up			
Cornor Node	Chance then to Charles	<input checked="" type="checkbox"/> Test Conrnnode Code. <input type="checkbox"/> Write assembly doc <input type="checkbox"/> Hand off the charlie <input type="checkbox"/> Assemble 3 more nodes "if supplies last" <input type="checkbox"/> Test Code and make sure it new nodes work <input type="checkbox"/>			

VD

Monday, July 10, 2023 3:22 PM

Manufacturing Tracking

Thursday, December 21, 2023 11:18 AM

Link to the tracking excel

[Manufacturing Tracker.xls](#)

DXFs/ Drawings Tracking

Wednesday, December 13, 2023 7:04 PM

Project	Engineer	DXF File Created	Drawing Complete (Y/N)	In PDM (Y/N)	Notes
		Part: <input type="checkbox"/> DXF Part: <input type="checkbox"/> DXF			
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