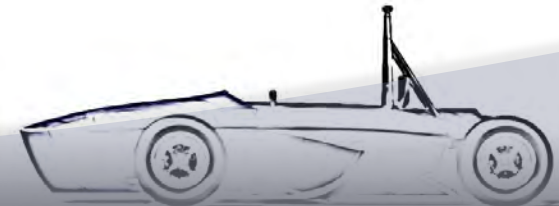


Traveling To & At the Competition

Suzanne & Michael Royce
Albion Associates, LLC

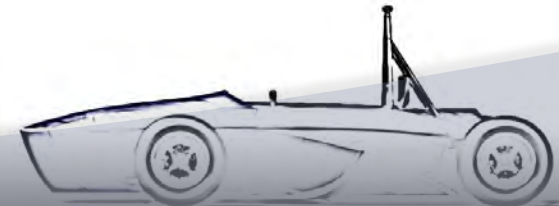
General

- Overseas competitions are very worth while BUT are
 - Expensive (cash)
 - Time consuming
- Therefore, we recommend that young teams should enter 1 or 2 Indian competitions first
- Try the Australian competition?



Overseas Competition - Planning

- Plan well ahead
 - Passports & visas
 - Can take significant time
 - Shipping the car
 - Team travel
 - Allow for delays, even for team members
 - Accommodation
 - Moving team within the country
 - Moving the car within the country



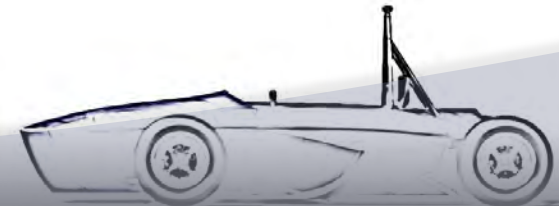
Overseas Competitions – Shipping the Car

- Get a good shipper
- Allow plenty of time
- Via sea less expensive than by air, but can take several weeks
- Some shipments are on a “Space Available” basis
- Get ALL arrangements in writing from your shipper
- Know what requirements your shipper has, e.g.
 - Cannot have gasoline in the fuel tank
 - Cannot ship with the fire extinguishers
- Customs papers
 - Will probably need a COMPLETE list including spares and tools
- Establish firmly where and when the car/crate can be dropped off (often are limitations at the competition site)
- Establish when the car/crate must be picked up FROM the competition site for the return trip



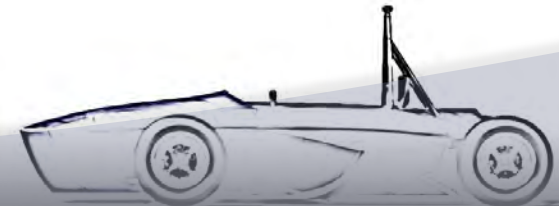
Overseas Competitions - Accommodation

- Look at a map of where the competition will be held
 - Silverstone is 75 miles from London
 - Calder Park is 20 miles from Melbourne
 - Michigan International Speedway (MIS) is in the middle of nowhere!
- Camping is popular at European competitions
- Check if camping, cabins, dormitories or linked hotels are available
- Camping equipment rental may be available
- Limits on number of people per room in hotels
- Leave the room in the same state as when arrived



Overseas Competitions - General

- Know something about the customs of the country you are visiting
- Food is usually different to what you are used to
- Don't expect the organizers of the competition to pick you up or ferry you around!
- Renting a car or truck – check the country's AND rental agency's requirements, e.g. age.
- If you are going to drive, consider an International Drivers License



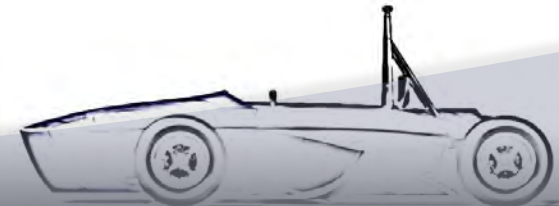
Overseas Competitions – Moving the Car

- If you cannot have car/crate dropped off at the competition site by your shipper on the required day
 - Normally details are on the competition's web site
 - Then you will need to arrange transportation, which can mean:
 - A separate shipping agent/company
 - Or moving it yourselves:
 - Medium duty truck
 - Van
 - Closed trailer
 - Open trailer



Moving the Car – cont'd

- Choices
 - Medium duty truck
 - Van
 - Open Trailer
 - Closed Trailer



Medium Duty Trucks

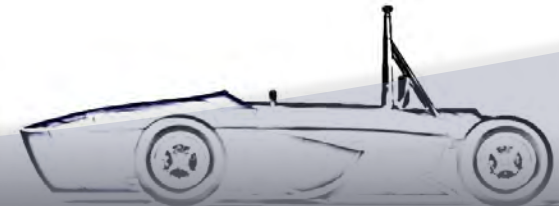


Mid Size Vans



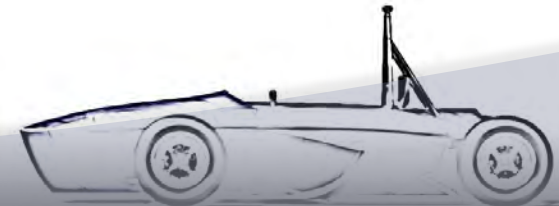
Moving the Car – cont'd

- Medium duty truck (Over 10,000 GVW, 24' or 26' box)
 - May need special driver's license, e.g. chauffeur's license
 - May have an age requirement to drive, e.g. be over 25 years old
- Van
 - Needs to be big enough
 - Width between wheel arches for the crate
 - May need special driver's license, e.g. chauffeur's license
 - May have an age requirement to drive, e.g. be over 25 years old



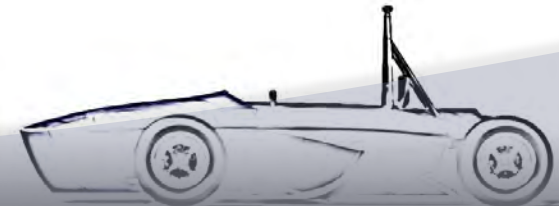
Moving the Car – cont'd

- Open Trailer
 - Need a tow vehicle too
 - Tongue load critical (10-15% of trailer's gross weight).
- Closed Trailer
 - Need a tow vehicle too
 - Tongue load super critical (10-15% of trailer's gross weight)
 - Need driver experienced in towing



Travel Preparations

- Passports & visas
- Immunizations or vaccinations
- Airline tickets
- Cash, traveller's cheques, credit cards
- Hotel confirmations
- Rental car confirmations
- Customs paperwork
- Medical insurance for all (competitions require it)
- Any prescription medications
- Spare prescription glasses (if cannot function without them)
- Schedule
- Location and address of the competition



For Any Competition – cont'd

- Maps
- Contact information for ALL team members AND the event organizers
- Copies of:
 - FSAE (or Formula Hybrid) Rules
 - Event Supplementary Rules if it is not a USA competition
 - Your SES,
 - Your IAD Report
 - Your Cost Report
 - Correspondence with organizers, e.g. technical questions and answers
- Spare parts (anything that broke in testing, plus...)
- The IA you tested (unless using Standard FSAE IA)



Moving the Team

- Public transportation to and from the competition is unlikely
- Therefore make travel arrangements BEFORE you leave home
- 7 passenger minivan or “people mover”
- Drivers’ license(s)
- Age requirements for renting cars or vans
- In USA 12 passenger van OK with normal license, 15 passenger van may need a “chauffer’s license”
- Damage liability insurance

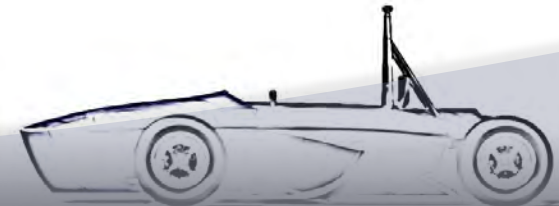


Minivan or “People Mover”



Moving the Team

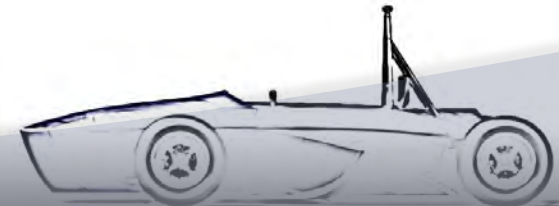
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Before the Competition

- Download & Study

- USA Competitions
 - Competitors' Handbook
- Other Competitions
 - Similar documents



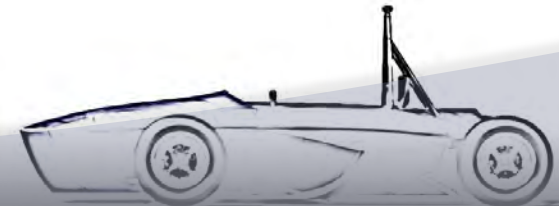
At the Competition

- Things to do:
 - Register (all the team members) & sign the waivers
 - Pick up the registration packet
 - Go to assigned paddock space/pit box
 - Unpack & start setting up
 - Assign someone responsible to read ALL the contents of the registration packet
 - Rebuild the car (it will be in pieces for an overseas competition)
 - Post the schedule in a very visible location
 - Set up a clock to local time
 - Be aware of the time zone you are in!
 - Assign someone as the team's time keeper and alarm clock
 - Use a "white board" or chalk board for important notes
 - Get to technical inspection/scrutineering as soon as practical



Schedule Notes

- Look at ALL the information in the packet you get at Registration
- Your assigned times for the Design, Cost & Presentation Events are “Time Certain”, i.e. FIRM
- Your time into Tech Inspection is flexible
- Drivers’ Meetings are MANDATORY – don’t miss them!
 - They often have a roll call
- The Skid Pad, Acceleration and Autocross Events close at “Time Certain”
- Have a clock set to LOCAL time
- Have an assigned person to “watch the clock”
- Post the team’s schedule in a prominent location



Overall Schedule Summary - Typical

Pre-Day (Tuesday Evening, Michigan only)

- Early registration

Day 1 (Wednesday-FSAE, Monday-FH)

- Registration & Technical Inspection

Day 2 (Thursday-FSAE, Tuesday-FH)

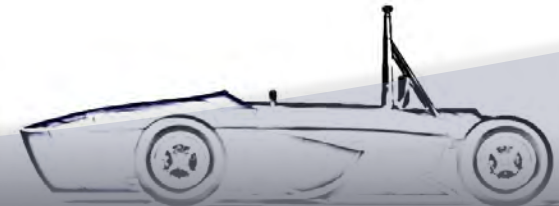
- Tech Inspection, Design Preliminary, Presentation and Cost Events
- Drivers' Meeting, All Dynamic Events (MANDATORY)
- Design Finalists announced on-line

Day 3 (Friday-FSAE, Wednesday-FH)

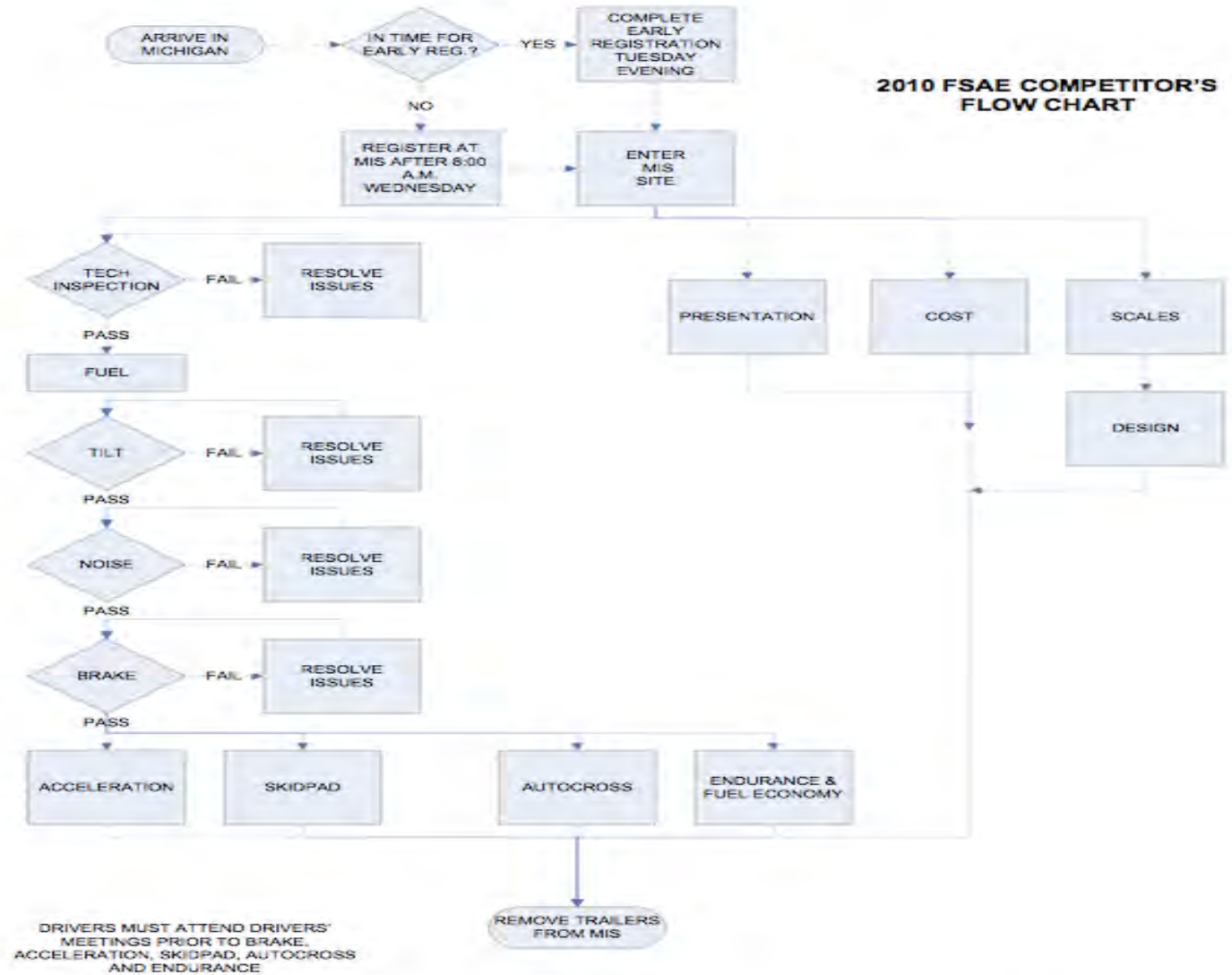
- Morning - Acceleration & Skid-Pad Events (no Skid Pad at FH)
- Afternoon - Autocross Event
- Design Finals
- Awards Ceremony # 1 (Michigan only)
- Endurance Run Order announced on-line

Day 4 (Saturday-FSAE, Thursday-FH)

- Endurance & Fuel Economy Event
- Awards Ceremony Finale

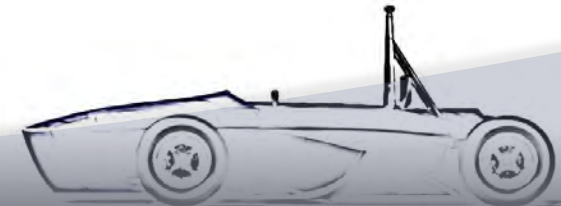


2010 FSAE COMPETITOR'S FLOW CHART



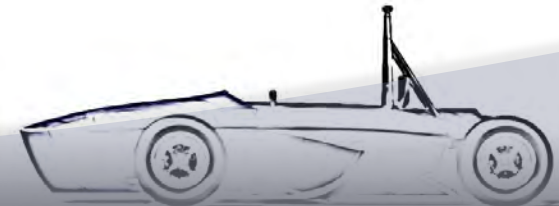
At the Competition – cont'd

- Competition is about learning, so:
 - Wander around the paddock/pits and look at other cars, ask questions and take pictures AFTER you have asked and if it is OK to do so
- Have an assigned “quiet spot” or calm location for team members who need to rest or be away from the team
- Know where your team members are at all times (check-out system & cellphones?)
- Team competition, so act like a team
- Keep your paddock/pit space clean, neat and tidy
 - Easier to find things
 - Judges do walk around the paddock, messy area gives poor impression
 - Only one chance to make a first impression
- Always be polite. The volunteers are there on their own time and \$\$.



At the Competition – cont'd

- Noise test
 - Aim for at least 3 dB below the limits. There is no ambient correction.
- The Brake Test is very severe and a car breaker!
- Get 1 timed run in for each event
 - Acceleration and Skid Pad Events are usually run concurrently
 - Look at the length of lines at each
 - Acceleration goes quicker than Skid Pad
 - Skid Pad in the USA and UK has 2 pads. “Driver A” on one, “Driver B” on the other



Enjoy and
Focus on learning



Questions?





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