



Technical Briefing

Technical Committee:

Dr Mohd Juzaila Abd Latif



Dr Azma Putra

Amrik Singh A/L Phuman Singh



UTeM Formula Varsity© 2012 Managers Meeting - 14th September 2012

Pre-Inspection – Friday, 12th October 2012

Objective

- **To check critical specifications so that team can re-work the car accordingly.**

Critical specifications

Specifications related to the car performance and safety features:

- **Weight**
- **Engine**
- **Firewall**
- **Tyre**
- **Brake light**
- **Kill switch**
- **Seat belt**
- **Full racing gear**

Static Event – Saturday, 13th October 2012

Car specification (15%)

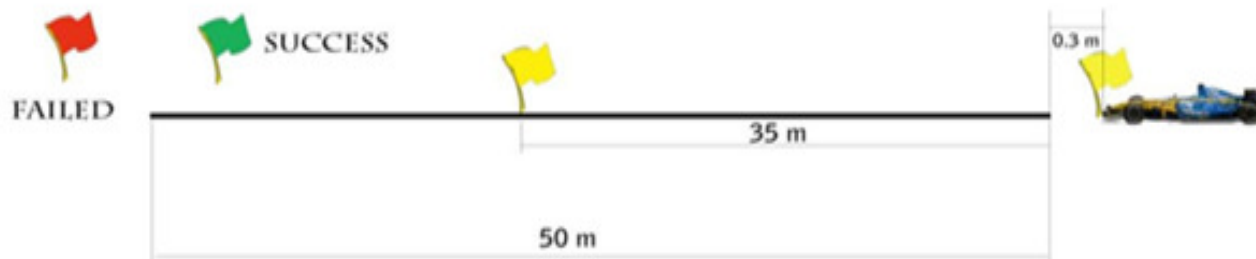
- **Based on FV2012 Vehicle Technical Specifications**

Poster presentation (15%)

- **Size: A2 portrait**
- **Content: - Example; car design, engine, transmission, etc.
- ANALYSES that have been carried out towards the development of the car.**
- **All the evaluations will be performed by external judges.**

Dynamic Event – Saturday, 13th October 2012

Acceleration Test and Braking Test (10%)



- **Acceleration test (5%)**

$$\text{POINT} = \left[\frac{\text{Acceleration time}}{\text{Best acceleration time}} - 6 \right] \times (-1)$$

- **Braking test (5%)**

$$\text{POINT} = \left[\frac{\text{Braking distance}}{\text{Best braking distance}} - 6 \right] \times (-1)$$

- **All cars are only allowed to perform ONE test.**
- **The test can be repeated only ONCE for the car that has failed the braking test.**
- **Fail in braking test will disqualify the car from race.**
- **The test will be monitored and certified by external judges.**

Dynamic Event – Saturday, 13th October 2012

Qualifying race (10%)

- Free practice of 3 laps for each team will be provided before the qualifying race.
- All cars are given maximum 3 laps.
- Point will be given based on the position which will also determine for the grid position for the final race.
- The race will be monitored and certified by external judges.

Final Race– Sunday, 14th October 2012

Final race (50%)

- **Point will be given to the car that completes 25 laps from 1st to 20th positions.**
- **The race ends after 20th position driver has completed 25th lap.**
- **Only 1 point will be given to the next 15 cars if the car still on track.**
- **Top 5 position cars will be inspected after the race to check the weight and carburettor intake manifold diameter.**
- **The race will be monitored and certified by external judges.**

Penalties and Disqualification

- Refer to FV2012 Event Regulation (Rev. C) in Section 1.6.
- Penalty for other specification will be assessed by deducting point during the technical inspection.
- All modification and repair works on the race car are only allowed to be performed on the paddock during the event by registered team members only.
- No modification of engine or change of new engine is allowed after the qualifying race. Only repair works are permitted.
- Any car that has failed the braking test will be disqualified from the race.
- Any car that has been found jump-start will be penalized to drive through penalty.
- Driver should wear a full racing gear including proper racing suit, glove, racing shoes, and full face helmet. The driver is not allowed to race if he did not equip with the full racing gear.

Penalties and Disqualification

- Any driver that has been identified to be 'unsporting behaviour' for the first time will be penalized to drive through penalty and will be black flagged/disqualified from the race for the second fault.
- Registered team members must at all time wear and show their Formula Varsity identification tag and those who comply with this are allowed to present in the paddock throughout the event.
- All the judgement decisions are conclusive. Any protest must be made to the organizer within 10 minutes after the official result has been displayed with RM500 protest fee.

Thank you...