



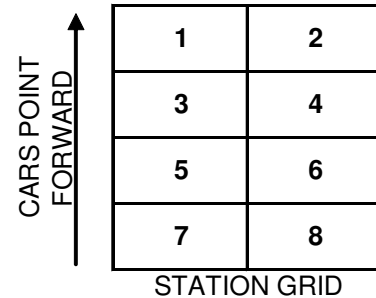
Welcome to the 2009 SAE Baja – Alabama event at. Below you will find this year’s procedure and general information regarding the Design Judging portion of the event. Polaris Industries will be organizing and leading the judging at the event this year as in years past. Please familiarize yourself and your team with the process for an effective and efficient static event day. Have fun and if you have any questions, please feel free to ask an official.

**Staging and Timeline**

All teams have been assigned a design judging time; see the schedule for your time. All cars need to be staged 15 minutes prior to their assigned time. If you are not staged in this time your spot may be forfeited to any team that is waiting for an earlier spot or has missed their scheduled time. Rotations will be prompt, so teams must be prepared. There will be a second staging area for teams who would like to attempt to complete their design judging at an earlier time than scheduled. If a team misses their assigned time, they will be directed to this second staging area for a chance to fit into another time slot. There are a few open spots at the end of the day, in the case that you miss your scheduled time, but once they are full, more spots will not be created. **In the event that a team misses their time slot, there will be no guarantee that the team will be judged, so please be prompt.** The last phase of judging will begin at 3:00 pm and judging will conclude at 3:30 pm.

**Judging Layout**

There will be two design lanes with four stalls in each lane for a total of eight design stalls. In each judging phase, eight cars will be brought from staging into the stalls. Each car will stay in its stall throughout the judging phase, and will exit at the completion of the judging phase. Judges will visit your stall and score the car until all categories have been judged and the phase ends.



The judging categories are grouped into four groups. Each judge will judge all categories in one group; hence, there are four periods in each phase. Each period will last 4 minutes. Your team will be visited by judges from each group, in succession through the periods. Each group will be represented by two judges.

|  |           |  |           |
|--|-----------|--|-----------|
| 1) <i>Originality &amp; Innovation</i> | <i>16</i> | 3) <i>Structural Design</i>            | <i>14</i> |
| <i>Craftsmanship</i>                   | <i>14</i> | <i>Feasibility for Mass Production</i> | <i>10</i> |
|  |           | <i>Operator Comfort</i>                | <i>10</i> |
| 2) <i>Suspension</i>                   | <i>16</i> | 4) <i>Powertrain</i>                   | <i>16</i> |
| <i>Steering</i>                        | <i>8</i>  | <i>Serviceability</i>                  | <i>8</i>  |
| <i>Brakes</i>                          | <i>8</i>  |  |           |

During design evaluation team members are expected to be able to fully explain and discuss all aspects of their vehicle’s design and the rationale behind their design decisions. The explanations should be convincing and the burden of proof is on the teams. Final proof is demonstrated by the prototype vehicle presented for judging.

**Design Finals**

Cars honored with the top design evaluation scores (the number of cars to be determined by judging staff) will be allowed to compete in Design Finals for ranking and bonus points. The purpose of Design Finals is improvement of the breed. Top cars will be on display for the entire field to view, as examples of designs that the professional judging staff sees as the best.

Design Finals will be held after the closing of Design Judging. The finalists will be posted at 4:30 and finalists will have 15 minutes to assemble in the judging area. A panel of Design Judges will examine each car from an overall perspective (fitness for purpose, excellence of design). Teams may be nearby to answer the Judges’ questions, but must not group around the cars and impede spectator viewing. All initial scores of the Design Finalists will be reduced to that of the last car in Design Finals for normalization purposes. The panel of Judges will then rank the finalists and award bonus points as appropriate.