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**From all of us at  
SAE International and  
Student Competitions!**



## FSAE Rule Interpretation concerning Motorized Vehicles

Dear FSAE Participant,  
Your interpretation of Rule 5.10.7 was the original interpretation. However, your question does raise other issues which will probably result in a revision to the wording of this Rule.

Rule 5.10.7, "Motorcycles, Bicycles, Rollerblades, etc. – Prohibited" is interpreted comprehensively to prohibit all self propelled devices that the teams use to carry people or equipment. Motorized carts are not allowed. The only exception we can envision is an electric wheelchair for a disabled person.

So, to answer your questions directly.

**Q1:** Would a slow, electric powered golf cart, driven at walking pace, be prohibited by this rule?

**Answer:** Yes, a slow electrically powered golf cart is prohibited.

**Q 2:** If a golf cart-like device is prohibited, would an electronically-assisted walk behind unit be allowed?

**Answer:** No. An electrically powered walk-behind unit will not be allowed.

Also, pit carts of a reasonable size (no bigger than a large wheeled tool box) are allowed into the dynamic event area, but "golf cart sized" pit carts are not permitted no matter how they are propelled. Additionally keep in mind that everything your team brings into the paddock is required to fit within your assigned paddock space.

FSAE Rules Committee



## Formula SAE Italy Moving to Ferrari's Fiorano Racetrack!

ATA recently announced that Luca di Montezemolo, the President of Ferrari, has offered Ferrari's Fiorano Racetrack in Maranello as the site of the 2007 Formula SAE Italy competition. The event will be held September 21 to 23, 2007. As registration details become available they will be posted on the FSAE Italy website which is linked to the main FSAE website.

## New Corporate Sponsor

**TIMKEN** Timken Company has signed on as a sponsor of the Formula SAE and Baja SAE Competitions and is planning to host a reception/or lunch for students at the events. Timken will also have recruiters on-site and staff members serving as judges. As more information becomes available we will post it online as well as in future newsletters.

We are also proud to announce the new Timken Friction Management Engineering Award for the Baja SAE competitions. This award will be given to the team with the highest total score in the endurance and cost categories.

### About The Timken Company

The Timken Company, (NYSE: TKR, <http://www.timken.com>) keeps the world turning, with innovative ways to make customers' products run smoother, faster and more efficiently. Timken's highly engineered bearings, alloy steels and related products and services turn up everywhere. With operations in 27 countries, sales of \$5.2 billion in 2005 and 27,000 employees, Timken is Where You Turn™ for better performance.

## ALL COMPETITIONS – Onsite Registration Procedure

Here's how your team can get through onsite registration easier and quicker – email or mail your team's member registration data to us in advance.

For each member of your team please create a separate data sheet with the following information:

1. SAE Member number
2. Insurance Information: (Photo copy preferred) (Include; Company, Group number, ID number and a telephone number)
3. Photo copy of photo ID, Drivers MUST have a valid driver's license
4. Emergency Contact Information: (Include; Name, relationship and telephone number)
5. School Name
6. Email Address/Telephone Number



Example:

1. SAE number: 611124898
  2. Highmark Blue Cross; ID # YBC999999999 99, Group # 27250000001, Telephone number 1-816-232-8396
  3. See Copies Above
  4. Angela Sample, mother, 920-845-7798
  5. University of Nebraska
  6. fsample@gmail.com; 920-845-7632
- \*\*\*Hard copies (photo ID and insurance) must also be with you on-site.*

Return to: **BY MARCH 1, 2007**

Mail to:

**Jessica Cutler** (Aero, Baja, or Supermileage) to jcutler@sae.org  
**Kaley Shellhammer** (FSAE, FSAE-West, Clean Snowmobile)  
 to shellham@sae.org

**Mail To:** SAE International /Attn: Collegiate Design Series (and SAE staff member), 400 Commonwealth Dr, Warrendale, PA 15096

### Formula SAE and BAJA SAE (events only):

These competitions may hold a pre-registration the night before the competition starts (pending on schedule posted), only teams who have submitted this document will be permitted to pre-register.

## Competition Information!!!

With the exception of Clean Snowmobile, the 2007 competition schedules are now closed for registration.

**Aero Design West** (Van Nuys, CA) has 37 registered teams representing four countries.

**Baja SAE UCF** (Ocala, FL) has 75 teams representing four countries.

**Aero Design East** (Fort Worth, TX) has 72 teams registered representing seven countries.

**FSAE** (Romeo, MI) has 130 teams registered representing ten countries.

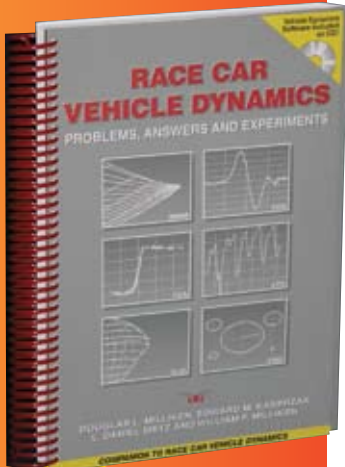
**Baja SAE SDSM** (Rapid City, SD) has 100 teams registered representing six countries.

**Supermileage** (Marshall, MI) has 31 teams registered representing four countries.

**FSAE West** (Fontana, CA) has 80 teams registered representing twelve countries.

Teams representing the following countries will be competing in the CDS competitions:

Argentina, Australia, Austria, Bahrain, Brazil, Canada, China, Finland, France, India, Italy, Japan, Mexico, Morocco, Poland, Russia, Singapore, South Africa, South Korea, Sweden, United Kingdom, United States and Venezuela.



**\$69.95**

## **Race Car Vehicle Dynamics Problems, Answers and Experiments**

By Douglas L. Milliken, Edward M. Kasprzak, L. Daniel Metz, and William F. Milliken

Includes Race Car Vehicle Dynamics Program Suite on CD-ROM, a valuable learning tool and brand new addition to the Race Car Vehicle Dynamics series!

Written for the engineer as well as the race car enthusiast, Race Car Vehicle Dynamics (the original classic) gives a comprehensive treatment of vehicle dynamics and its application in a racing environment. Race Car Vehicle Dynamics, is also widely used as a college textbook and has been an SAE best-seller since its introduction in 1995.

Race Car Vehicle Dynamics: Problems, Answers and Experiments is a supplement to Race Car Vehicle Dynamics, it includes:

- Detailed worked solutions to all of the problems
- Problems for every chapter in Race Car Vehicle Dynamics, including many new problems
- The Race Car Vehicle Dynamics Program Suite (for Windows) with accompanying exercises
- Experiments to try with your own vehicle
- Educational appendix with additional references and course outlines

The book is also well-illustrated with over 90 figures and graphs. In addition to students, these worked solutions should be of interest to a wide audience, greatly expanding the examples presented in the original Race Car Vehicle Dynamics. The Program Suite was originally used in conjunction with a university course and has been specially developed for inclusion with this book. The educational supplement will be of interest to users who are unable to attend formal classes and wish to continue their education.

Engineers and designers of passenger cars, as well as race cars, will find worked solutions to many common problems.

Published in May 2003

294 Pages

Includes Softbound Book and a CD-ROM

ISBN Number: 0-7680-1127-2

**SAE Member Price: \$55.96**

**Product Code: R-280**