

THE QUALIFIER



Official Newsletter of the U of A Formula SAE Student Vehicle Project

January 2009

Fabrication Well Under Way

uch progress has been made in the last month and a half. With the help of several members over Christmas, and work sessions every weekend, the chassis of the 2009 car has been completed. engine has been mounted and suspension is nearly ready to mount on the car.

The vast majority of parts which require machining have been submitted to the Mechanical Engineering Machine Shop or to Gambit Products. With the schedule we are on, it looks like we will have a running car at the beginning of May. This should allow for plenty of testing.

Many subsystems such as intake, drivetrain exhaust, and steering are also showing substantial progress.

Over the next month, the team hopes to have the chassis and suspension complete with all mounting tabs attached. The chassis will then be ready for final welding and powder coating. Soon after that, the final assembly will begin.



Several team members working on the 2009 chassis.

Recruitment Drive Yields Many New Members

Efforts put into recruitment in September and October have now paid off.

More than 15 new members have consistently attended work sessions lending a helping hand while learning the art of race car fabrication.

New Cooling System for 2010 Car

With the new semester under way, a new set of Capstone Design Projects have come about.

Formula SAE has been fortunate enough to have a group choose one of the projects for the 2010 car.

Four students will be redesigning the whole cooling system for the 2010 car in hopes of shedding several pounds and increasing cooling capacity.

CSP Innovations Partners with

Formula SAE providing the crushers to name just a few. team with crucial support.

business sectors. Their prod- port.

CSP (Cast Steel Products) uct line includes compo-Innovate Engineering has nents for boilers, sintering recently joined forces with pallets, heavy equipment,

The Formula SAE Team CSP designs, manufactures, looks forward to working and supplies quality cast with CSP in the future and is products to many industrial very grateful of their sup-





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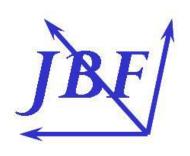
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