



Apache's Survivability and Crashworthiness

Date: Thursday September 11, 2003
Time: 7:00 pm Meeting
Location: APS Building, Room 2 North
(NE Corner of the Arizona Center)
Cost: The Meeting is Free
(Cookies and Sodas will be provided by the section)
RSVP: Please RSVP (see below) so we may plan appropriately



Preceding the Meeting there will be a group meeting at 5:30 pm for **Dinner** at Mi Amigos in the Arizona Center. You will be responsible for the cost of your own dinner. We will be able to validate Arizona Center parking tickets at the meeting.



Please RSVP To: Mark Jones
Phone: 480-704-2339
Email: jonesm1@asme.org

Before noon Wednesday September 10th

Leave a message with the number in your party, a phone number at which you can be reached and if you are also planning to meet for dinner preceding the meeting.

Our Speaker for the evening is Ed Carroll. Ed Carroll joined Hughes Helicopters (subsequently McDonnell Douglas Helicopter, now Boeing) in 1984 as an Operations Research Manager. He was promoted to Department Manager in 1988 and assigned responsibility for Apache Systems Requirements (Reliability, Maintainability, System Safety, Life Cycle Costs, etc.). During Operation's Desert Shield/Desert Storm (1990/91) he was assigned as the Engineering Manager and Technical Point of Contact with the US Army for all AH-64A Technical Support. Ed is currently responsible for the management and coordination of AH-64 Apache/Longbow technical field support, problem solving and related design changes for the US Army and foreign military customers. He is an Adjunct Professor lecturing on aviation & aviation safety related subjects at local universities.



Chair's Message

Greetings to the members of the Arizona Section of ASME!

I hope all of you have enjoyed your summer. For the Executive Committee and Operating Board of the Arizona Section, the summer is the time for planning the coming year of ASME events. I think that the programs and tours that we will be offering this year will intrigue you. We will be starting out in September with a speaker on the Apache Helicopter from Boeing followed by topics such as Crash Worthiness, the Hubble Telescope, Abrams Tank Turbine engine and many more. You can find the entire schedule of events on the back page of this newsletter.

We have also decided to try a different venue for the meeting. To keep the costs of the meeting to a minimum, we will be holding them at the APS building at the Arizona Center. An optional dinner will precede the program at one of the local restaurants at Arizona Center. The monthly newsletter will provide information on which restaurant to meet at. Each attendee will be responsible for his or her own dinner. We will be able to validate parking tickets at the meeting, so that should keep the costs down to a minimum.

Cookies and soda will be provided at no cost to the attendees. Please let me know how you like these arrangements – we are trying to be flexible enough to meet the changing demands of our members!

I look forward to seeing all of you at a meeting this year!

Eric Smith

Chair, Arizona Section ASME

Electronic Newsletters

Starting last January, the Arizona Section ASME newsletters went all electronic. The newsletter was posted on the Arizona Section web page and each month a reminder notification was sent by e-mail with a link to the newsletter. The section Executive Committee and Operating Board feel this is a cost effective way to deliver your newsletter.

We will continue this practice for the remaining 9 issues this year. In order to receive the e-mail notification to check for the latest newsletter, you must have an up to date e-mail address on file with ASME. So please visit asme.org to update your e-mail address or call the Western Field Office at 1-800-624-9002 if you need assistance. As always, if you have concerns about the electronic newsletters or any other concern, please contact one of the section officers.

Brain Teaser

Einstein's Riddle:

Einstein wrote the following riddle. He said that 98% of the world could not solve it. But several NIEHS scientists were able to solve it, and they said its not all that hard if you pay attention and are very patient. Give it a try:



There are 5 houses in 5 different colors in a row. In each house lives a person with a different nationality. The 5 owners drink a certain type of beverage, smoke a certain brand of cigar, and keep a certain pet. No owners have the same pet, smoke the same brand of cigar, or drink the same beverage. Other facts:

1. The Brit lives in the red house.
2. The Swede keeps dogs as pets.
3. The Dane drinks tea.
4. The green house is on the immediate left of the white house.
5. The green house's owner drinks coffee.
6. The owner who smokes Pall Mall rears birds.
7. The owner of the yellow house smokes Dunhill.
8. The owner living in the center house drinks milk.
9. The Norwegian lives in the first house.
10. The owner who smokes Blends lives next to the one who keeps cats.
11. The owner who keeps the horse lives next to the one who smokes Dunhill.
12. The owner who smokes Bluemasters drinks beer.
13. The German smokes Prince.
14. The Norwegian lives next to the blue house.
15. The owner who smokes Blends lives next to the one who drinks water.

The question is : WHO OWNS THE FISH?

Answer

The German sits in his Green House, smoking his Prince cigars, drinking coffee, and watching his FISH

The rest go like this

1st house Yellow, Norwegian, Water, Cais, Dunhill

2nd house blue, dane, tea, horse, blends

3rd house red, Brit, milk birds, Pall Mall

4th house Green, German, coffee, FISH, Prince

5th house White, Swede, beer, dogs, Bluemasters

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In addition to the above officers, Boris Bolf was elected as a Director for a 2003-2006 term. Former Treasurer Liz Field unfortunately had to step down but we are grateful to have Mark Jones step up and fill the position. We appreciate their commitment and service to ASME.

Local ASME Tri-Pay Program for the FE Exam a Success

ASME would like to congratulate Adam Bowers for passing the Fundamentals of Engineering (FE) Exam with an 82%. Adam participated in Tri-Pay program initiated by Fernando Rangel, a former student chair of Arizona State University's ASME Student Section (ASUASME). The Tri-Pay program splits the cost of taking the FE exam, approximately \$140, into thirds between the student, ASU's Mechanical and Aerospace Engineering Department, and ASME's Arizona Professional Section. The only requirements to participate in the Tri-Pay program are that the student is a member of ASU's ASME and they turn in receipts for reimbursement. Requiring the student to share one third of the cost ensures that the individual students will make an extra effort to do well on the exam, by having a financial stake in the test. By absorbing some of the cost of the exam, both ASME and ASU's MAE Depart-

ment show a commitment to the students to smooth the transition from student engineer to professional engineer.

Again, Congratulations Adam!!!

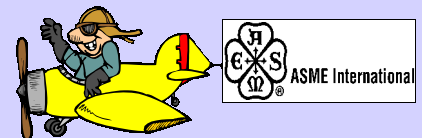
Executive Board of ASU ASME

2003 Management Training Seminar (MTS) Sept. 12 & 13 Denver, Colorado

The Colorado Section of the ASME is pleased to invite you to attend the 2003 Management Training Seminar (MTS), Regional Student Leadership Seminar (RSLs), Student Section Advisors Program (SSAP), and Regional Operation Board meeting in Denver, CO on September 12 & 13. The conference will be held at the historic Brown

2003-2004 Calendar of Events

Sep 9	Board Meeting -APS Building
Sep 11	Apache Helicopter - APS Building
Sep 12-13	MTS - Denver, CO
Oct 7	Board Meeting -APS Building
Oct 9	Crash Worthiness - APS Building
Nov 11	Board Meeting -APS Building
Nov 13	Hubble Telescope - APS Building
Nov 15	PADT Rapid Prototyping Tour
Dec 9	Board Meeting -APS Building
Dec 11	Holiday Party - TBD
Jan 6	Board Meeting - APS Building
Jan 8	Abrams Tank -TBD
Feb 10	Board Meeting -APS Building
Feb 12	Honors & Awards Banquet -TBD
Feb 19	Engineering Careers Panel Discussion - ASU
Feb 23-28	Engineer's Week
Feb 28	SRP Santan Plant Tour
Mar 9	Board Meeting -APS Building
Mar 11	Palo Verde Steam Generator - TBD
Apr 6	Board Meeting -APS Building
Apr 7	Industry Breakfast - TBD
Apr 8	Sand Rail Design - TBD
May 11	Board Meeting -APS Building
May 13	Steak Fry -Pera Club
May 15	RAC -TBD



Palace Hotel, located at 321 17th Street.

If you haven't received your packet with the registration form and infor-



mation go to the Western Regional Office web page at

<http://www.asme.org/regions/wro/>



Your Section Executive Committee and Operating Board for '03 -'04

If we can help you, please feel free to contact us. We look forward to serving the AZ Section members.

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The following has been quoted from the Constitution of the American Society of Mechanical Engineers. Revised to October, 1991.

C5.1.2 The provisions of the Constitution, By-Laws and Policies and Procedures established by the Board of Governors of the Society shall govern the procedure of all components of the Society but no action or obligation of such components shall be considered an action or obligation of the society as a whole. This provision shall be imprinted on any publication issued by such components.

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