

Southwind

VOLUME 19 ISSUE 1

1st QUARTER 2000



Association of
Electric Motor Repair Shops
for Co-operative
Self-Improvement

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So, Who Wants to be A “Thousandaire?”

The upcoming Technical Forum in Atlanta promises to be a most instructive and remarkable meeting. Highlighting our business program will be two of our favorite EASAns, Mr. **Steve Darby** of Darby Electric Company and Mr. **Edward Jenkins** of Jenkins Electric Company. Steve will enlighten us on *SHAFT ANALYSIS & REPAIR* and will be followed by presentations from **Belzona**, **Liquid Development Company**, and **Eutectic Corporation** on shaft repair materials.

Mr. Jenkins will entertain a topic of interest to all shop owners and personnel: “**Screw-Ups.**” Hopefully, we will learn to avoid similar situations in our own shops (while others of us will relate from first hand experience!)

In addition to all this, we also are privileged to have representatives from Technical Associates of Charlotte to speak to us on **Vibration Analysis of AC and DC Motors.**

Many thanks to Essex-Brownell for their invitation to lunch and a tour at their new distribution center in McDonough. We are looking forward to that and a tour of the Georgia Power Motor Shop in Forest Park.

As you all know by now, these meetings are just not possible without the support of our vendors. Our Affiliate Representative, Steve McAbee, has outdone himself with this Tech Forum’s Exhibit/Hospitality Suite. He has 13 hours of exhibits, food, beverages, and good ‘ole southern hospitality planned for all attendees. The camaraderie displayed among competing companies is every attendee’s to experience.

Okay, so you want to know how you can become a “Thousandaire”! Just attend the Exhibit/Hospitality on Friday evening and enjoy the Southeastern Chapter’s own version of the popular game show. We even have our very own version of Regis himself – Charles Wilson of Crimson Electric! Just bring all your motor shop knowledge with you and you could be a lucky winner.

Even if you don’t leave the 2000 Technical Forum a “Thousandaire” you will leave richer than when you came.

See y’all in Atlanta!

Brenda Cole
Ben Hamilton

PS. Ladies, you will find no better shopping anywhere than at our new MALL OF GEORGIA. Pack up those credit cards, comfortable shoes, and *let’s GO!*

LATE BREAKING NEWS
ELECTION RESULTS IN
Details on Page 2

LAST CALL

Not for alcohol, but to update your Chapter membership listing. The Southeastern Chapter Handbook will soon go to press. Will your listing be correct? If you have moved or otherwise changed your address, or if your primary or secondary contacts have changed, please make sure that the Chapter office has this information. Every time a mailing goes out, some envelopes return marked “moved ... forwarding order expired.” Don’t let yours be one of them!

If anything has changed in the last year, please take the time to fax the new information to the Chapter offices **no later than March 31.**

ELECTION NEWS

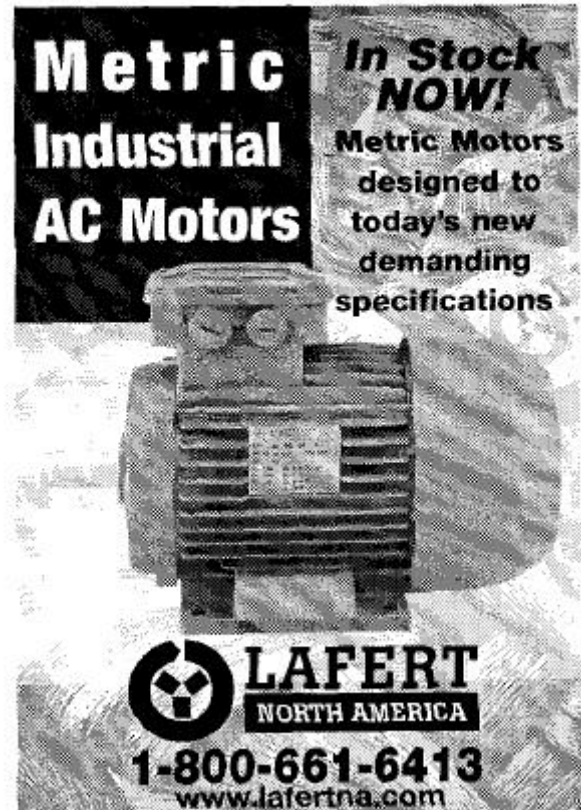
The polls have just closed and these results can now be announced for the North Carolina State Director Election. In a close race, Shannon MacDonald of Industrial Motor Rewinding Company in Hickory, North Carolina has been elected as the new North Carolina State Director for the membership term April 2000 to March 2002. Our thanks go to Kevin Henson of Southern Electric Service Company in Charlotte, North Carolina and to Jeff Chambers of Electric Motor Shop of Wake Forest who made this a close and interesting election.

In other election news, Brenda Cole of Cole Electric in Atlanta, Georgia has agreed to serve another term as director for the great state of Georgia. Ms. Cole, you may recall, was appointed to fill the remainder of Scott Smith's term, who resigned that position last year. When no one could be found willing to run for the upcoming term, Ms. Cole graciously agreed to serve the Southeastern Chapter in this capacity once again.

William Paul Chapman Age 77

Mr. Chapman was president of Electric Motor and Repair Co., Inc., Columbia, South Carolina, until his retirement and sale of the business. He was active for over 40 years in EASA and served as president of the Southeastern Chapter during 1970-71. He passed away on July 4, 1999.

His wife Martha; two daughters, Gail and Betsy; and three granddaughters survive him.



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Be On the Lookout

For more information on the exciting Y2K Fall Conference, which will be held September 28-30, at the magnificent Four Seasons Resort in Palm Beach, Florida.

Brett and Leigh Anne McCormick
Chairpersons

GET ON THE FAST TRACK!

For getting information *FAST* it's hard to beat e-mail and the Internet. Now Chapter bylaws and officers, current and back issues of *Southwind*, up-to-date Conference information, and other resources are available on the world-wide-web, so if you have access, you can get your Southeastern Chapter news the instant it becomes available at

www.industrialelec.com/chapternews.htm



EASA Southeastern Chapter
 Technical Forum 2000
 1397 Blasfield Street SE
 Atlanta, GA 30315
 (404) 622-1441
 (404) 622-0461 FAX

Technical Forum 2000
REGISTRATION
April 27-29
 Atlanta, Georgia

Photocopy this form for additional registrations

| | | |
|--------------------|-----|---|
| NAME | | FIRST NAME FOR NAME TAG |
| COMPANY | | |
| ADDRESS 1 | | FIRST TIME ATTENDEE? <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ADDRESS 2 | | SE CHAPTER MEMBER? <input type="checkbox"/> YES <input type="checkbox"/> NO |
| CITY / STATE / ZIP | | |
| PHONE | FAX | E-MAIL |

Confirmation will be sent if Fax or E-mail address is submitted

Atlanta Airport

4711 Best Road
College Park, GA 30337
 (800) 228-9290
 (404) 766-7900

Lodging is not included in conference registration. Please contact the Marriott before April 12 and mention **EASA** in order to obtain the **EASA group rate of \$94 per night**. Reservations received after this date will be accepted on a space or rate available basis only.

Questions? Call either Conference Co-Chairman
Brenda Cole at 404-752-7885 or Ben Hamilton at 864-224-2131

TENTATIVE SCHEDULE

Thursday April 27

8:30 AM Golf at The Georgian Resort
 10:00 AM Registration
 2:00 PM Exhibitor Set-up
 4:00 PM Exhibit/Hospitality Hall Opens

*See separate registration form for Centrifugal Pump Repair Seminar Information

Friday April 28

7:30 AM Early Bird Coffee
 8:00 AM Breakfast
 8:00 AM Pump Seminar Begins*
 8:40 AM Vibration Analysis of AC Motors
Technical Associates of Charlotte
 9:40 AM Vibration Analysis of DC Motors
Technical Associates of Charlotte
 10:40 AM "Screw-ups!"
Edward Jenkins
 11:45 AM Tours
Lunch at Essex/Brownell, Georgia Power
 4:00 PM Exhibit/Hospitality Hall Opens

Saturday April 29

7:30 AM Early Bird Coffee
 8:00 AM Business Breakfast
 8:00 AM Pump Seminar Begins*
 9:00 AM Motor Shaft Analysis
Steve Darby
 10:00 AM Shaft Repair
David Robertson / Ron Hancock
Belzona
 10:40 AM Shaft Repair
Beldon Hutchinson, LDC
 11:20 AM Shaft Repair
William Ridgeway, Eutectic Corp

REGISTRATION FOR:

| REGISTRATION FOR: | Cost | Registration |
|--|----------------|--------------|
| 2000 TECHNICAL FORUM – includes Thursday exhibit hall. Friday breakfast and lunch, plant tours, exhibit hall. Saturday breakfast, breakout classes, beverage breaks. | \$125 | |
| Remittance MUST be enclosed with this form | Total Enclosed | |

Cancellations must be received by April 20, 2000

METHOD OF PAYMENT:

Check

VISA

MasterCard

EASA Southeastern Chapter
 1397 Blasfield Street SE
 Atlanta, GA 30315



If paying by credit card, you may register by faxing this form to: **404-622-0461**

| | |
|-----------------------------|-----------------|
| NAME ON CARD (PLEASE PRINT) | |
| SIGNATURE | |
| CREDIT CARD NUMBER | EXPIRATION DATE |

Thursday April 27, 2000



EASA Southeastern Chapter Technical Forum 2000 GOLF

1397 BLASHFIELD STREET SE
ATLANTA, GA 30315



This year's Technical Forum Golf Tournament will be held at the Georgian Golf Resort in Villa Ricca, Georgia on **Thursday, April 27**. The fee of \$75 per person includes green fee, cart fee, driving range, and box lunch.

| |
|--------------------|
| Name |
| Company |
| Address |
| City / State / Zip |
| Phone / Fax |

\$75.00 per person

| |
|----------|
| ENCLOSED |
|----------|

We will leave the hotel at 7:30 am and first tee times will begin at 8:30. Proper golf attire is required with the following dress code enforced:

- No jeans, short-shorts, cutoff, tank tops, T-shirts, gym shorts, jogging suits, halter or bikini tops.
- Men must wear collared shirts with slacks or mid-length shorts.
- Playing golf in bare feet, sandals, open-toed or elevated heel type shoes is not permitted.
- The use of metal spikes of any kind while using the facilities is strictly prohibited.

DIRECTIONS:
 Take I-85 South from the Airport to Camp Creek Parkway, exit WEST and go approximately 3 miles to I-285. Go NORTH approximately 7.5 miles to I-20 WEST. Go approximately 26 miles to Liberty Road and turn right. When you come to a "T" intersection, take a left and then an immediate right over the railroad tracks on Liberty Road/Punkintown Road. Proceed 1.5 miles, turn right on Highway 61 and go 4.5 miles. Turn left on Mulberry Rock Road. Go 2.2 miles, turn left on Ray Cole Road. The entrance is straight ahead.

**For more information please contact Shawn Venable
Electric Motor Service of Clinton Inc.
(864) 833-3593**

METHOD OF PAYMENT:

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VISA

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EASA Southeastern Chapter
1397 Blashfield Street SE
Atlanta, GA 30315



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CENTRIFUGAL PUMP REPAIR

Atlanta, Georgia

April 28, 29, 2000

EASA Southeastern Chapter
 Technical Forum 2000
 1397 Blashfield Street SE
 Atlanta, GA 30315
 (404) 622-1441
 (404) 622-0461 FAX

Photocopy this form for additional registrations

| |
|--------------------|
| NAME |
| COMPANY |
| ADDRESS 1 |
| ADDRESS 2 |
| CITY / STATE / ZIP |
| PHONE |
| FAX |



**Atlanta Airport
 Marriott**
 4711 Best Road
 College Park, GA 30337
 Orlando, FL 32812
 800-228-9290
 Rate: \$94.00 + tax
 Cut-off date: April 12

REGISTRATION FOR THIS CLASS MUST BE LIMITED TO THE FIRST 24 APPLICATIONS RECEIVED!

Lodging *is not* included in seminar registration. Please contact the hotel for reservations.
Questions? Call David Horton (864) 224-2131 or Raymond K. Paden at (404) 622-1441

| REGISTRATION FOR: | Registration * |
|--|----------------------------|
| CENTRIFUGAL PUMP SEMIAR – Atlanta, Georgia April 28, 29 Presented by Roger Jenkins of Precision Power | \$125 SE Chapter member |
| | \$200 Non-member |

Course Content

Centrifugal pumps are everywhere. This program shows how to repair pumps, expand services to customers, and increase profits. It includes actual teardown and assembly of a centrifugal pump, as well as valuable insights, shortcuts, and time-saving methods based on over 20 years of pump repair experience.

Partial List of Topics

- Types of centrifugal pumps
 - Single stage
 - Multi stage
 - Split casing
 - Horizontal mount
 - Vertical mount
 - Vertical line-shaft
- Major pump components
 - Discharge casing
 - Packing/seal box
 - Casing cover
 - Suction cover
 - Bearing frame
 - Impeller
 - Pump shaft
 - Packing gland
 - Bearings
 - Wear rings
- Repair/rebuilding process
 - Initial inspection – 6 steps
 - Teardown and analysis – 8 steps
 - Repair/rebuilding – 10 steps
 - Assembly – 12 steps
 - Final testing – 3 common methods
- Special component material selections for extended pump life
 - Hardware
 - Mechanical seals
 - Packing & sleeves
 - Wear rings
 - Ceramic hard surfacing

* Registration includes lunch and coffee/soda breaks, and **admission to the TF2000 Exhibit Hall and Hospitality Suite.**

Class Hours
 Day 1: 8:00 AM – 5:00 PM
 Day 2: 8:00 AM – 5:00 PM

What to Bring
 Instructional items will be provided. You should need only note-taking materials.

METHOD OF PAYMENT: Check VISA MasterCard

EASA Southeastern Chapter
 1397 Blashfield Street SE
 Atlanta, GA 30315



If paying by credit card, you may register by faxing this form to: **404-622-0461**

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| EXPIRATION DATE |



EASA SOUTHEASTERN CHAPTER
 E H N A O R U
 A S H E S T R E E T S E
 A T A N T A A A

**EXHIBITOR RESERVATION
 SPRING TECHNICAL FORUM 2000
 Atlanta, Georgia
 April 27-29**

NOTE 1. Complimentary Name Badge is for the EXHIBIT HALL ONLY. Participation in seminars, tours, luncheons, etc., requires full conference registration.

NOTE 2. Please do not forward any materials or equipment to the Marriott more than five days prior to the conference.

NOTE 3. Companies hosting plant tours retain the right to exclude any visitor they choose.



4711 Best Road
 College Park, GA 30337
 (800) 228-9290
 (404) 766-7900

Lodging is not included in conference registration. Please contact the Marriott for reservations before **April 12** in order to obtain the EASA group rate of **\$94 per night**. Reservations received after this date will be accepted on a space or rate available basis only.

Tables will be reserved on a first-come, first-served basis.

| | Amount | Due |
|---|-----------|-----|
| Exhibit / Tabletop | \$550 | |
| (Includes 1 Exhibit Hall badge - see note above) | | |
| Name: | Comp | |
| Full Conference Registrations | | |
| Name: | \$125 | |
| Name: | \$125 | |
| Name: | \$125 | |
| Name: | \$125 | |
| <i>Remittance must be enclosed with this form</i> | Enclosed: | |

| |
|---------------------|
| Contact Name: |
| Company: |
| Address: |
| City / State / Zip: |
| Phone / FAX /email: |

Confirmations will be provided by FAX or e-mail

METHOD OF PAYMENT:

Check

VISA

MasterCard

EASA Southeastern Chapter
 1397 Blasfield Street SE
 Atlanta, GA 30315



If paying by credit card, you may register by faxing this form to: **404-622-0461**

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| NAME ON CARD (PLEASE PRINT) | |
| SIGNATURE | |
| CREDIT CARD NUMBER | EXPIRATION DATE |

WORKPLACE HAZARDS

Fabricating New Designs

by Raymond K. Paden

I'll never forget the time my brother suffered a terrible injury on the job. This was during the "energy crisis" several years ago, when everyone was experimenting with alternative energy sources. Daran was fabricating a heavy-duty heat exchanger for a wood-burning water heating system. It consisted of two four-inch square steel tubes with numerous round steel pipes crisscrossing between them. He had welded for days on the thing, and at last it was time to test it. Everyone in the shop gathered around as he fastened a garden hose to the fixture and turned on the water. It was immediately apparent that, although it would not function properly as a heat exchanger, it did have considerable potential as a lawn sprinkler.

As you might expect, my brother's failure was greeted with an uproar of laughter and humorous comments from all the other employees. Never one to appreciate being the butt of a good joke, Daran disconnected the water, snatched up the recalcitrant device, and went stalking off in search of a place to hide from the hilarity and cheer, which nevertheless followed him about the shop for some time. At last, he charged into the restroom and closed and locked the door. Outside of his sanctuary, the mirth continued for quite a while, but without the presence of Daran and his invention, it at last began to abate and everyone started to drift away to more or less profitable endeavors. In a moment, He unlocked the door and emerged with the iron monstrosity in his hands and a sheepish grin on his face.

In an instant, Gene the shop foreman shouted out, "it wouldn't flush, would it?" A tidal wave of laughter burst forth and overwhelmed my helpless brother, doing incalculable damage to his already bruised ego. I hurried to his aid and tried to say something to comfort him in his embarrassment, but unfortunately I was overcome with sympathy and was only able to wipe my teary eyes and make faint, mewling sounds as I gasped for breath.

Since injuries to one's ego and self-respect are not reportable under OSHA regulations, there were no further consequences for the company. However, my brother, crushed by this experience, was never the same again. Eventually, he would leave his job at the family business and, in a feeble attempt to hide his ever-lasting humiliation, would take employment at Delta Airlines, rise to a high position, and make scads of money.

It is terrible to see a family member suffer such a fate.

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| <b>Fax: 704-395-0709</b>         | <b>Fax: 410-675-5215</b>         |

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Make your plans now for  
The 2000 Technical Forum  
Atlanta, Georgia  
April 27-29

The 2000 Fall Conference  
Palm Beach, Florida  
September 28-30



**Southeastern Chapter**

**Electrical Apparatus Service Association**

Raymond K. Paden, Exec Sec/Treas

1397 Blashfield Street, SE

Atlanta, GA 30315

(404) 622-1441

(404) 622-0461 FAX