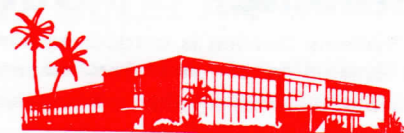


# PULSE



**FAIRCHILD WESTON**

**FAIRCHILD WESTON SYSTEMS, INC.  
DATA SYSTEMS DIVISION**

**Schlumberger**

P.O. BOX 3041  
SARASOTA, FLORIDA, 33578

**NEWS ABOUT DATA SYSTEMS DIVISION**

VOL. VI, NO. 12

HAPPY HOLIDAYS

DECEMBER 1984



## **TO ALL EMPLOYEES:**

At this festive season, my staff and I wish you and your families a joyful holiday and a full measure of happiness and good health in the new year.

Our combined efforts in 1984 have resulted in a banner year for Data Systems Division. We have been successful in obtaining orders for a substantial increase in business, which has meant a heavy workload throughout the plant. All of our product lines have met or exceeded their goals, and we look forward to a continuing growth rate of 20% per year. Our markets remain strong, and the introduction of new products in all of our business segments will maintain our leadership position.

In addition to investing heavily in the future of our traditional product lines, we have taken action to expand into new markets. We have received our first contracts and plan on developing these new businesses rapidly. These actions will increase sales while adding protection from future possible softness in our existing market places. Efforts will continue to maximize profits through cost reduction, increased efficiencies, and improved quality.

With the growth of our business we have added new personnel in almost all areas. We welcome these new employees who will be contributing to our success in the future. The ongoing Quality Circles program is offering employees and management the opportunity to work together toward improving our work environment and our effectiveness, and we expect to see the number of employees involved in Quality Circles grow significantly in 1985.

The physical changes taking place in the plant are evidence of the long-range improvements being made in the building and in various work areas. Renovations will be continuing in 1985, and on into the future. We want our customers to be impressed with our plant and employees to take pride in our work and working environment.

As 1984 has proved, we have the ability to change, to grow, to improve, and to be profitable. As we look ahead, we can anticipate a very good business year in 1985.

I want to thank all employees for your efforts and your support in 1984. My staff and I will continue to count on you to make our Division successful in the years to come.

Enjoy your holidays and return refreshed and ready to meet the challenges that lie ahead.

**R. J. Keller  
General Manager**



December, 1984



**AN EQUAL OPPORTUNITY EMPLOYER M/F/H/V**

# INSURANCE CHANGES ANNOUNCED AT EMPLOYEE MEETINGS

Data Systems Division is introducing some changes and improvements in our employee insurance benefits for employees as part of an effort to counteract rising medical costs and increased expenses for medical insurance coverage.

The changes will become effective January 1, 1985, and educational materials about the changes will be made available to employees in a continuing communication program.

Some of the major improvements are:

- Raising the lifetime maximum from \$100,000 to \$250,000 per covered family member.
- New prescription drug program which permits you to use an I.D. card and pay just \$4. for each prescription.
- Addition of coverage for facilities/services such as birthing centers, hospices, and home health care.

Another new benefit for employees will be the opportunity to purchase supplemental life insurance coverage for themselves at a very favorable rate. This new supplemental life insurance benefit will be available effective February 1, 1985, and details will be announced in January.

"The medical plan has been redesigned to give employees the opportunity to control their own out-of-pocket costs as well as controlling the costs of the company's portion of the plan," said Rick Greenawalt, Director of Personnel. "By helping to keep health care costs down, we hope to avoid increasing the insurance premiums paid by employees for dependent coverage."

Some of our cost-containment efforts are directed at minimizing hospital stays, utilizing outpatient and free-standing medical facilities, and securing a second opinion before undergoing certain surgical procedures, Rick explained.

Under our employee benefits program, the company pays for the entire medical insurance premiums for employees, and pays a large percentage of the cost of dependent coverage. Currently our company is paying well over 91% of all medical insurance coverage costs. Employees pay less than 9% of the total cost of insurance coverage for dependents.

There has been no increase in the amount employees pay toward dependent medical insurance coverage since 1974. Our Division has absorbed the increases and made significant improvements in our group insurance plan over the years. The amount employees pay for dependent coverage in our group insurance plan has remained the same since 1974, despite soaring medical care costs.

## COMING EVENTS

The Fairchild Sarasota Credit Union will be holding its annual meeting on January 31, 1985, at 4:30 p.m., in the Cafeteria. Mark the date on your calendar.

"We will be distributing additional information to help all of us become better acquainted with the revised medical insurance plan and the options it offers," Rick said.

## OUR NEWEST RETIREES--



*Curt Dyke and Ruth LaCroix join our growing number of Retirees.*

Two new Retirees leave active employment at Data Systems Division this month to join our growing list of Retirees. Ruth LaCroix and Curt Dyke are both in our Signal Processing Group.

Ruth, with 27 years of service in Sarasota, has elected early retirement. She plans to continue attending college classes, working toward her degree. Ruth first joined EMR as a member of our Purchasing Department and subsequently worked in Quality Assurance, Plant Operations/Manufacturing administration, and Personnel. She began her Security duties while in Personnel, and during the past four years has been in Security with our Signal Processing group.

Curt Dyke's career with our company goes back to 1950 when he joined the Schlumberger Research Center in Ridgefield, Conn. For about six years he worked on a project which involved developing interpretation charts utilized to interpret strip chart recordings obtained during oil well surveys. Lab simulations of the oil well and surrounding formations were required to develop these charts.

"The next two years were spent on a project to develop a PCM telemetry system for Schlumberger oil well logging," Curt explains. "In December, 1958 I transferred to EMR in Sarasota, in a group of nine Schlumberger engineers and technicians, to develop the EMR 185 PCM telemetry system, the beginning of our PCM telemetry business here."

Curt's subsequent service with our Division was as Systems Engineer on a variety of aerospace systems, installations, special box designs, and modifications to standard products. For the past several years he has been with SPS in engineering and systems work. Now starting early retirement, Curt and his wife Helen are looking forward to some traveling and the gardening they enjoy.

Good luck, Ruth and Curt. Your colleagues wish you happy days ahead.

## MEN'S SOFTBALL TEAM CAPTURES FIRST PLACE

The winners and champions! Our men's softball team finished the season with a 13-3 record to take first place in their Division, and went on to win three of the four playoff games to capture the Tournament trophy as well.

Pictured here is the winning team with their newest trophies. (Photo by Herb Booth).



*Seated, Rick Karow, Catcher; Wayne Brinton, OF; Pat Parrish, Coach & Utility Player; Joe Yeager, 1st Base; Bruce Templeton, OF; Dave Hart, 2nd Base. Standing, Bill Burchette, Catcher; Ray Joseph, OF; Rick Mitchell, OF; Tom Greinke, Catcher; Rob McClendon, OF; Robin Speidel, OF; Dan Toler, Pitcher. Missing from this photo are Lee Bakst, 3rd Base; Mike Bloczynski, 2nd Base, Dave Buckwalter, Pitcher/Catcher; and Jim Robinson, Short Stop.*

## WESTERN AREA SERVICE PERSONNEL MEET IN LA

Members of our Western Area Field Service group met in Los Angeles December 3 for discussions about Field Service goals, accomplishments, a review of the business picture, and an opportunity to get better acquainted with each other and some representatives from Sarasota.

In attendance from the Lancaster, Calif. office were Marlin Beer, Bob Clement, Jim Cummins, Wally Jones, Chet Reynolds, Dave Rice, Harold Rice, and Dan Smith. From Newbury Park, Calif., Byron Brandstetter and Paul Muenster; from Cupertino, Calif., Lyle Head; from Las Cruces, N.M., Tom Tonkin; from Puyallup, WA, Tom Kelly. Also Darrel Forrest, based at McClellan AFB, and John Ingro from Albuquerque. Tom Bell of Albuquerque, missed the meeting due to standby duty at Vandenberg AFB.

The participants from Sarasota included Carl Schleicher, Florence Johnson, Jim Matthews, Dexter Nash, Don Roberts Bill Shaw and Jerry Stubbs.

An announcement was made at the meeting that the name of "Field Service" is being changed to Customer Support. Personnel announcements were also made. Marlin Beer has transferred to Records Sales, and Chet Reynolds is acting Western Area Manager for Customer Support.

## ★★★ LATE BULLETIN ★★★

General Manager R. J. Keller announced on Monday that the Company contribution to the Schlumberger Contributory Growth Plan will be 65¢ for each dollar contributed by employees during 1984. This amount of 65¢ represents the highest contribution rate in the Division's history and is almost double last year's 35¢ contributory rate. Additionally, the company contributes 1% of each participant's admissible compensation for 1984, regardless of the employee's contribution. A statement showing your year-end account balance is included in our annual Personal Statement of Employee Benefits. These statements are usually distributed in April.



## HAPPY ANNIVERSARY!

Anniversary greetings to three employees who are marking major service milestones this month--particularly to two gentlemen who are completing a quarter of a century of service. Special congratulations to Eddie Sleeman, of Traffic, and Gene Waldroop, of the Paint Shop, who round out 25 years with our company during December.



*Congratulations to Eddie Sleeman (25 years), Darrell Powell (5 years), and Gene Waldroop (25 years).*

## EMPLOYEES SIGN UP FOR QUALITY CIRCLES

Ninety-six employees signed up to learn more about Quality Circles during a Circle Rally held in the Cafeteria on November 27. Quality Circle Facilitator Freddie Masse has begun a series of Orientation meetings with these interested employees to describe what Circles are and the roles of Facilitators Leaders and Quality Circle members.

"We expect to expand our Circle program with even broader employee participation, and start several new Circles during 1985," Freddie said. Employees who wish to learn more about Quality Circles may call Freddie Masse at Ext. 532.

## OUR DFR AND CVR CAME THROUGH FIERY CRASH TEST

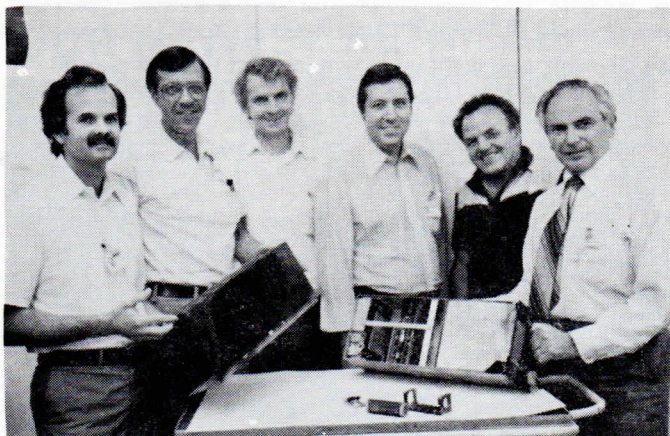
A giant remote-control Boeing 720 was deliberately crash tested at Edwards AFB in the Mojave Desert early this month. On board were 73 life-like dummies and other instrumentation to monitor the effects of the crash — including Fairchild's Model F800 Digital Flight Recorder and Model A100A Cockpit Voice Recorder. Both recorders came through with flying colors. Here's the story from Barry Hawkins, of Aviation Recorders.

Aboard the Boeing 720 were anthropomorphic dummies arranged in the crew and passengers seats. Many were fully instrumented to record the crash results and to measure the effectiveness of the seats and seatbelts. Primarily, however the crash test was a study of new antimisting fuel systems for the aircraft, and to demonstrate that occupant survivability in a transport aircraft post-crash environment may be significantly enhanced by minimizing fuel fires. The post crash fireball that results from ignition of spilled fuel during crash deceleration, wing break-up and fuel tank rupture causes a high percentage of the fatalities. The anti-misting fuel concept was one way the planners hoped to reduce after-crash fires.

Under the guidance of a ground control pilot, the aircraft approached the crash site, which was designed to obtain the most breakup and fuel tank ruptures possible. It wavered a little as the remote flight crew made adjustments. Radios and loudspeakers blared in the crew compartment for the benefit of the CVR. Then the aircraft crashed. Eyewitness reports say the fireball that erupted was severe and a second one followed. The aircraft was totally destroyed.

After the fire was finally extinguished, the flight and voice recorders aboard were removed. The aircraft was equipped with sophisticated telemetry equipment, and our Model F800 DFR and Model A100A CVR were both aboard, as were a number of competitors' equipments.

When our DFR was returned to us for readout after the crash, we were amazed at the overall condition which appeared quite good considering the extent and fierceness of the fire. The external dust cover was burned and charred, but the interior — except for some charring and slight melting of printed circuit boards — was in good condition. So good, in fact, that the recorder operated and produced a normal data stream when it was hooked up in the laboratory, without any repairs or changes made. The crash-protected magnetic tape recording medium was as good as the day it was installed, due to the excellent crash and fire protection we employ.



*Our Flight Recorder development team with charred Digital Flight Recorder. Ron McDeed, Dave Harmas, Mike Russell, Chuck Jones, Joe Faso and Hans Napfel are pictured with our DFR — the first to be involved in an aircraft crash. The DFR is still operating and data analysis is now in progress.*

While we have not yet seen the CVR or heard the tape transcript, discussions with the National Transportation Safety Board in Washington, which is tasked with CVR readouts, indicate that the recording was excellent and the recorder itself was considerably burned and damaged, although not as badly as some which have come into the NTSB.

Our Engineering Department is proceeding to read out the complete DFR and provide a printout for FAA and NASA evaluation. The crash test program was performed under the auspices of the FAA Technical Center in Atlantic City, N.J., NASA Langley Research Center, VA., and NASA Ames Research Center/Dryden Flight Research Facility, Edwards, Calif.

### SAFETY RECORD GROWING

Our Safety Record is growing. Thanks to YOUR safety awareness, we have logged 945,150 hours without a lost-time accident. Please remember to take your safety awareness home with you, particularly at holiday time, and have a safe and happy holiday season.

### LOOKING FOR A FEW GOOD MEN AND WOMEN

The Fairchild Sarasota Credit Union is seeking additional candidates for service on the Credit Committee, Supervisory Committee, and other functions. Any employee interested in aiding the Credit Union and its members is invited to call Chuck Jones (Ext. 309), Rob Ramey (Ext. 243) or Lillian Conway (Ext. 535). New volunteers and new talents are always welcome.

