

FAIRCHILD WESTON
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FAIRCHILD WESTON SYSTEMS, INC.
DATA SYSTEMS DIVISION
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NEWS ABOUT DATA SYSTEMS DIVISION

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FORT HUACHUCA ORDERS NEW TELEMETRY SYSTEM

An order for a updated telemetry system has been received from the U.S. Army Electronics Proving Ground, Fort Huachuca, Arizona. The PCM system will interface with the customer's computer. Data Systems Division will also provide the necessary software for the telemetry/computer system. The contract is valued at over \$630,000.

Paul Mears, of our Albuquerque, N.M. office, is the Salesman for this system. Art Kelley is the Applications Engineer, and Earl Studenwalt is Contract Administrator on this order.

Another significant order has been received from White Sands Missile Range, N.M., for a Model 715 Multiplex Processor and an extensive software program. This order was also booked by Paul Mears and is valued at over \$230,000.

RENOVATIONS ARE UNDERWAY IN MANUFACTURING AREAS

Renovations, relocation, and new plant layouts for several Manufacturing areas have already taken place, and there's more to come.

Currently our Wirewrap and Back Plane test area have been moved to the central Production area near our fish pond. The Printed Wiring Assembly area and Ragen component insertion machines have been relocated to the central Production section.



Shown in our Wirewrap and Back Plane test area are Dianne Hammond, Mary Peterson, Polly Smith, Elizabeth Byrd, Anita Johnson, and Pandorel Griggs. Not visible in the foreground is the Back Plane test area and Cindy Buckles.

★★★★★★★★★★★★★★★★★★★★ **OUR PICNIC DATE IS OCTOBER 22**

IT'S COMING! OUR BIG FAMILY PICNIC!

Save the date -- October 22 -- and relax with your family and fellow employees at our annual Company Picnic.

There will be lots of children's games and the Moon Walk... The very popular dunk tank for your favorite Manager... Barbecued Chicken, plus all the picnic trimmings... the Great Tug-of-War contest... Bingo... prizes... soft drinks, beer... horseshoes... and more.

Watch for further announcements in the weeks to come. See you at the Picnic!



The next major renovations are scheduled to take place in our Sheet Metal Shop beginning in October. The new layout and renovations in the Sheet Metal Shop are aimed at improving our work flow and providing a more attractive work area for employees.



This overview of the relocated Printed Wiring Assembly area shows five Ragen component insertion machines in the foreground.

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A PROGRESS REPORT ON ONE OF OUR LARGER SYSTEMS

There's a tremendous amount of work that goes on between the time an order is booked and the shipment of a big telemetry system. Here's a progress report on one such project -- the McClellan System.

This large data acquisition and reduction system for McClellan Air Force Base is currently being integrated in the Engineering section of our building. The order, valued at almost \$5 million, was received a year ago. The Flight Data Acquisition & Processing System (FDAPS) is to be delivered to McClellan AFB, Sacramento, Calif.

FDAPS will be used for flight testing during modernization of the F111 fighter/bomber. Included in this major contract are three complete airborne F111 mounted systems, two systems for checkout of the airborne equipment, and a computer-controlled ground station to permit analysis of the information gathered by the airborne system.

The airborne system is being specifically designed to monitor the wide variety of serial computer data streams on board the F111. The airborne system will also gather traditional flight test information, such as vibration, structural strain, and temperature conditions.

The requirement for gathering this traditional flight test information has sponsored the creation of a new line of products, the 5000 series Airborne Data Acquisition System. All information input to the airborne system (computer bus data as well as traditional flight test data) is conditioned into compatible formats and recorded on an airborne tape recorder.

Playback of the tape for analysis of the recorded information is accomplished by the computer-controlled ground station. The ground station provides the capability for simultaneous playback of all recorded information and permits analysis of this information using computer-controlled display formats. An array of three special Fairchild Weston Systems pre-processors is used to eliminate redundant information and



David Payne, Fuad Ali, Hal Roberts and Russ Phillips are pictured at work on portions of the airborne system for the McClellan AFB system.



This partial view of the McClellan Air Force Base FDAPS ground station shows Jack Cain and Don Riker at work on the system.

perform preliminary information processing on the high speed flow of measurements prior to processing by the main system computer.

FDAPS software being developed will run on the new DEC VAX computer in the system and is expected to form the foundation for a new line of software products.

The McClellan FDAPS is receiving significant support from many employees in just about every section of our Manufacturing and Engineering Departments, and other Departments as well. Acceptance testing for the system is currently scheduled for the beginning of April, 1984.

Wiley Dunn is Program Manager for the McClellan FDAPS effort. Hal Roberts is Airborne & Ground Checkout Project Engineer. Jack Cain is Ground System Project Engineer, Mike Hutchinson is Software Project Leader, and John Keal is 5000 Series Project Engineer. Many other employees are actively contributing to this big McClellan project.

ITC SHOW COMING SOON

Data Systems Division will be well represented at the International Telemetry Conference in San Diego October 25-27. Display booths, designed and built in-house, will feature our Telemetry and Recorders equipment.

Jud Strock, of Applications Engineering, will present a technical paper entitled New Architecture for a High Speed, Versatile Telemetry/Computer System. It describes our new 8000-series telemetry equipment. The ITC, with its electronics show and the technical sessions, is one of the most prestigious technical forums for our industry.

INTRODUCING OUR NEW QUALITY CIRCLE FACILITATOR

Tom Hackett, of our Quality Assurance organization, has been named Quality Circle Facilitator. In his new position Tom will work closely with employees throughout the plant in our growing Quality Circle program.



TOM HACKETT

Dexter Nash will also continue to give Quality Circles his enthusiastic support in his new post as Personnel Representative in the Personnel Department.

"My past experience has convinced me that quality is everyone's business, and the only real way to improve an organization is with feedback from our most important asset -- people! That's why I am enthusiastic about the opportunity to be part of the Quality Circle program," Tom Hackett said.

"Dexter Nash has done an outstanding job initiating Circles at Fairchild Weston in Sarasota. With his continued guidance, plus a whole lot of cooperation and teamwork from everyone, we will continue to expand and improve through Quality Circles," he said.

Tom earned his bachelor's degree from the University of Maine in 1977. He spent over three years as a Field Artillery officer stationed with the 25th Infantry Division at Schofield Barracks, Hawaii. He was with Texas Instruments in Sherman, Texas, from 1980 to 1983, initially as a Manufacturing Engineer on the Pave Way Laser Guided Bomb project, where his responsibilities included material planning and control in conjunction with determining the assembly schedule, and material phasing and inventory turns ratios. Later he was in charge of the Pave Way Laser Guided Bomb fabrication effort, which involved an annual \$30 million budget and responsibilities for shop performance and shop loading.

Since joining Fairchild Weston in Sarasota six months ago, Tom has been Telemetry Quality Assurance Engineer and had responsibility for the Material and Processes Lab and the Material Review Area.

With 13 active Quality Circles already underway, and plans for two more Circles per quarter through 1984, Tom is looking forward to a busy time in the Quality Circle program.

Tom and his wife Gerri have two daughters, Janna Marie (4½) and Megan Ann, just a few weeks old. He is currently enrolled in the Executive MBA (Master of Business Administration) program at the University of South Florida, Tampa. For recreation, Tom is interested in any kind of sports activity. He was shortstop on the Fairchild Weston Softball Team, and enjoys working out at a local Spa where the Hacketts won a two-year promotional membership.

A NEW QUALITY CIRCLE

Our newest Quality Circle, representing the Production Control area, has selected the name "Great Expectations."



Members are: seated, Shirley Smith, Judy Mewes, Tamy Califano. Standing are Ken Triplett, Carolyn Smith, Carol Waters, Tracey Hardy, Charlie Flatley, and Ray Joseph. Missing from this photo is Val Fordham.

CONGRATULATIONS!

GENE MINKUS (Aviation Engineering) and his wife Stephanie announce the arrival of their son Steven Eugene on August 23. He weighed in at 8 lb. 15 oz.

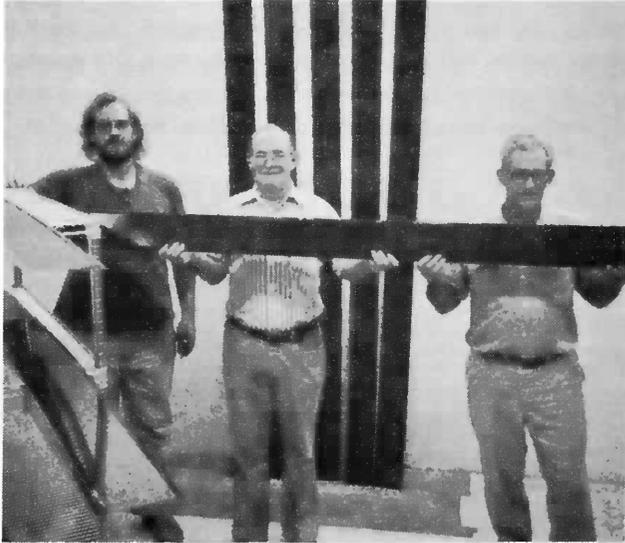
PATTY WOOLUMS (Procurement) and her husband Donnie welcomed their daughter Amanda Kay on August 30 at Venice Hospital. Amanda weighed 9 lb. 1 oz. at birth.

TOM HACKETT, (Quality Assurance) and his wife Gerri are the happy parents of a new baby daughter, Megan Ann, born September 6 at Sarasota Memorial Hospital. Megan weighed in at 9 lb. 6 oz.

MIKE RHODES (Data Processing) and Cheryl Thornton were married on September 9 on Longboat Key.

PAINTED PANELS TO HELP IMPROVE LIGHT FIXTURES

Among the many renovations and improvements taking place in our Production areas are some new decorative panels which are being added to the light fixtures. These panels have been painted by our own Paint Shop employees in bright shades of yellow, green, red, blue and brown.



Howard Graham, Ray Hunter and Horace Mink with some of the light fixture panels painted in our Paint Shop.

The new "skirts" on the light fixtures serve a dual purpose. They direct the light for better illumination in work areas, and add decorative, colorful touches to improve the appearance of our Manufacturing sections. Light fixtures throughout many Manufacturing areas are being lowered and replaced to provide better lighting for employees.

DATA SYSTEMS DIVISION TO BE IN ENTERPRISE '83

Fairchild Weston Systems equipment and people will be part of the Enterprise '83 show in Sarasota on October 7 and 8 at the Robarts Arena.

The exhibition is sponsored by the Sarasota County Committee of One Hundred and offers an opportunity to tell local high school students and the general public about our business, our products, and our employees.

High school students will attend the show on Friday, October 7, and the exhibition will be open to the general public on Saturday, October 8, between 10 a.m. and 6 p.m.

Employees, your family, friends and neighbors are cordially invited to stop in on Saturday, October 8, and visit our booth. There's no charge, and it's fun to have a chance to show our equipment to family and friends.

MORE SCUBA CLASSES BEING OFFERED HERE

Two Scuba classes are being planned for employees and their families during October, according to Graham Hildebrand who is coordinating Scuba classes. Interested employees will have the opportunity to sign up for the Open Water Divers class, starting on October 17, or an Advanced class beginning October 26.

The Open Water Divers class, which is the beginner's entry into safe sport diving, consists of six classroom and six water sessions. Tanks and regulators will be provided. These classes begin on October 17.

The Advanced class requires Open Water certification and is planned for October 26-30. This class consists of one classroom and seven water sessions, and will be held at Bradenton Beach and Ginnie Springs in North Florida.

Classroom sessions are held at our plant for employees' convenience. Discounted group rates are available, Graham said. A slide presentation on Monday, October 3, will be given here by Florida Down Under, a local diving school. Additional information will be posted on bulletin boards, or call Graham Hildebrand, Ext. 283 or 922-3142.

If you're wondering if diving is fun, just ask any of the 22 newly certified Open Water divers who recently returned from diving on the John Pennekamp coral reefs.



ANNIVERSARY GREETINGS TO THIS GOOD GROUP

Congratulations to the large number of employees who are observing major service anniversaries during September. The anniversaries range from a quarter of a century for Joe Faso to five-year major milestones for sixteen of our fellow employees.



This cheerful group is rounding out a combined total of 105 years of service: Harry Durrett (20 years); Miriam and Art Smith (10 years each); Lillian Conway (10 years); Bob Moore (10 years); Joe Faso (25 years) and Dale Dennis (20 years).



Celebrating five years of service this month are: Bob Williams, Ann Bassett, Cat Holmes, Shirley Smith, Fred Paine, Jim Huffman and Bill Double.



Out in our Albuquerque, N. M., Field Office, Patricia Williams also completed five years of service with our company this month.



Marking five years of service during September are: John Elliott, Dale Woodland, Donna Salverson, Sue Sutherland, Kathy Ling, Doyle Jones, and Mellonee Houston.

CONVENIENT TELEPHONE SERVICE AVAILABLE FOR OUR CUSTOMERS

A convenient new Customer Service direct telephone line is now available to Fairchild Weston Systems customers through our Eastern Area Field Office in Wheaton, Md. The new number -- 1-800-638-8286 -- provides prompt service and a "real, live Fairchild person" to answer the phone during regular business hours.

Aileen Worrell, of our Wheaton, Md., office, gives personalized service to customers who call for information or service during regular business hours. After hours there's a recorder to take the message about the need for customer service.

"The advantage is that our customers are now getting same-day contact with our service people in just about all cases," explains Scott Blair, Manager of Field Service. "We previously had individual telephone answering services for Field Service personnel at various locations. Since most Service people are out on the road much of the time, it meant the customer might not reach our Service person for some time," Scott said.

"Now Aileen can talk with the customer, determine his or her needs, find out if the equipment is under warranty, and get back-up help from Sarasota if needed. Response time for our Service people to get back to the customer has been greatly improved, and we will probably install a similar service in our Western Area soon."

Customer Service personnel currently utilizing this service include: Jim Matthews, Russ Tatman, and Larry George (Wheaton); Jim Apperson and Rich Phillips (Detroit), Tom Tatman (Ohio), Dave Long (Washington State), Ron Vick (Panama City), Frank Wakefield (Huntsville), John Palinski (Penna.), and Joe Lazarony (New Hampshire).

"LANCASTER ROSE" VISITS SARASOTA

Rose Stroface, of our Lancaster, Calif., Field Office visited our plant recently while in Florida on vacation. The long-time Secretary in our Lancaster Sales and Service office had come to St. Petersburg, Fla. to see her parents and to attend a wedding.

"It was so nice to get to see all the people at the plant whom I talk with over the phone," Rose said. "There are so many changes in the building since I last visited that it seems like a new facility."

In her nearly 15 years with the company, Rose has seen a few changes in Field Office procedures, too. "We now have the electronic mail set-up via VAX computer, which enables us to communicate with the plant despite the difference in time zones, and helps to expedite matters."

In the Lancaster Field Office Rose assists Carl Steineckert, Wally Jones and Roland Olson, and helps keep track of nine Service personnel in the area.

"I enjoy the independent action and responsibility, and I love the customer contact," she said. Y'all come back, Rose.



Treva Messenger (left), Secretary to Telemetry Sales Manager Wyatt Bishop, escorted Rose Stroface, of our Lancaster Field Office, during her recent visit.

HOME COMPUTER ADVICE

Still thinking about getting your own home computer? Hold off on your decision a bit longer, and plan to attend a free seminar to be held here in October. Dale Dennis, Manager of Systems and Programming, and Bill Waggener, Technical Director for Data Systems Division, are volunteering their expertise to interested fellow employees who are considering taking the microcomputer plunge.

They will be offering tips on what's available in various personal computer configurations, the costs, and some of the pro's and cons. Watch for bulletin board announcements about the Home Computer Seminar in October.

DIMENSIONING SEMINAR COVERS ANSI STANDARDS

A training course in Dimensioning and Tolerancing is being given for a group of Managers, Supervisors and Engineers to coordinate the understanding and interpretation of engineering drawings in compliance with international standards.

Mike Gerack, of Fabrication Inspection, and Chuck Jones, of Recorders Engineering, are leading the in-house seminar.



Mike Gerack and Chuck Jones (standing) are conducting Dimensioning and Tolerancing seminar.

The two men attended a technical seminar in California recently to update their knowledge of ANSI standards used in Engineering dimensions and tolerances. Compliance with the ANSI international symbols and standards will facilitate communication with outside vendors and in our internal interpretation of Engineering specs and drawings.

Other employees will have the opportunity to attend future sessions of the Dimensioning and Tolerancing course when the course is repeated.

TENERIFE AIRPORT TO GET OUR WIND SHEAR SYSTEM

The Spanish civil aviation authority has ordered a Fairchild Weston Wind Shear Alert System to be installed at the Tenerife airport in the Canary Islands. Our Low Level Wind Shear Alert System aids air traffic control personnel in advising aircraft of potentially dangerous wind shear conditions during takeoff and landings.

Shipment of the Tenerife system is scheduled for later this year. The contract also includes training and installation. Standard equipment will be built and tested in Manufacturing, with some modifications and the installation handled by our Industrial Systems group. Bob Petrey will conduct the training and installation. Peter Simmons and George Zimmerman are the Salesmen on this order.