



**FAIRCHILD WESTON
SYSTEMS INC.**

FAIRCHILD WESTON SYSTEMS, INC.
DATA SYSTEMS DIVISION
P.O. BOX 3041
SARASOTA, FLORIDA 33578

**30 YEARS OF PROGRESS
IN SARASOTA THIS YEAR**

VOL. IX, NO. 5

MAY, 1987

SHIPPING MODEL 15 RECORDERS ON MAJOR CONTRACT FOR NAVY

Regular shipments are underway on a contract for quantities of the Model 15 Severe Environment Recorder/Reproducers ordered by the Naval Avionics Center, Indianapolis, Ind. Four units a month, through September, are scheduled for shipment on this Navy contract. The contract calls for a total of 36 units.



Members of the Recorders Final Test group with several Model 15 AN/USH-33(V)2 Recorders -- Joanne Mixon, Steve Troyan, Michael Reilly, Laura Barnhart, Robert Carlson, Mark McClure, Kemp Mednick.

This Model 15 airborne Severe Environment Recorder/Reproducer is designed and produced by Enertec, our sister division in France. Final testing is performed in Sarasota, and considerable additional effort is involved in meeting requirements for a major Mil Spec drawings package and Integrated Logistics Support according to Program Manager Ray Shuford.

The Model 15 Instrumentation Data Recorders are to be used as part of an electronics package for the U.S. Navy's Type EP-3 aircraft in connection with anti-submarine activities. Efforts on the ILS (Integrated Logistics Support) requirements will extend into 1989 in order to meet the contract's complex data requirements.

The Model 15 is a high performance tape recorder, typically used in airborne applications. It is winning much customer attention for its technical excellence and suitability for use in harsh environments.

FIFTIES DAY -- JUNE 3

Dress up in your '50's clothes -- and celebrate our Division's 30 years of progress in Sarasota. Prizes for most authentic costumes... peanuts... popcorn... vintage cars... '50's music... soft drinks. See you there!

ETTA WILLIAMS WINS APRIL TRIVIA PRIZE

There were 21 correct entries in our April Trivia contest, out of a total of 70 entries, Etta Williams' entry was drawn from among the correct replies, and she wins the \$50 U.S. Savings Bond for April's Trivia Korner contest.

Keep trying -- you may be the winner in our May contest! Check the Trivia Korner insert in the May issue of PULSE, and GOOD LUCK!



Etta Williams (left) won the April Trivia quiz. Ron Basham and Carol Waters are creators of the Trivia Korner contest and are members of the Committee helping us celebrate 30 years of progress in Sarasota during 1987.

FIVE-YEAR LOAN FOR NEW VEHICLES NOW AVAILABLE

The Fairchild Sarasota Credit Union Board of Directors has voted to establish a five-year loan for new vehicles at an interest rate of 10% APR. Check with your Credit Union, Ext. 5535, for details.

AN EQUAL OPPORTUNITY EMPLOYER M/F/H/V

SMILING BOB HEATON CELEBRATES 40 YEARS OF SERVICE

Bob Heaton was a very young man, back in 1947, when he applied for work at the Sangamo Electric plant in Springfield, Illinois. He probably never thought he would be celebrating his 40th service anniversary at Data Systems Division in Sarasota, Florida, on May 7, 1987.

"In Springfield everyone knew Sangamo. The plant had been there since 1899, and was built around the earlier Illinois Watch Company. My sister was employed with Sangamo, and so I applied there as well as other places. I started my first day of work with another company when I received a letter from Sangamo to begin employment there. So I quit my job at \$1.25 an hour, and went to work for Sangamo at 72 cents an hour -- because I knew it was a good place to work," Bob relates.

He worked in just about every department at Sangamo -- assembly, transformers, harness, punch press, drills, Industrial Engineering, and time study. He was Supervisor of drills and mills, and then rotated in a supervisory capacity among numerous departments, including plastic molding and aluminum die casting, transformer building, printed circuit board fabrication, and in Production Control for Data Recorders.

"There was no time for boredom, and rotating was a very good idea, because each time you assumed a new job you looked at how things were being done, and questioned why they were done in that way," Bob said.

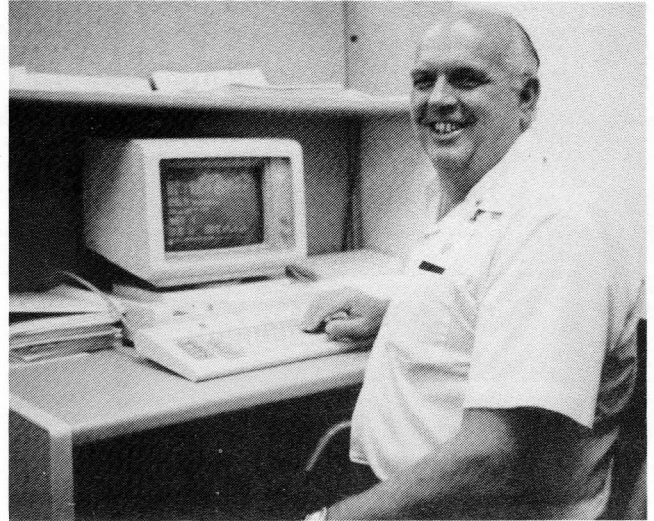
In 1977, after Schlumberger acquired Sangamo, the Data Recorders product line was transferred to Sarasota, and in January, 1978, Bob Heaton was among the employees who moved to Sarasota from Springfield.

Bob and Rose Heaton and their six children had been vacationing in Florida for years, so Bob welcomed the opportunity to move here. At Data Systems Division he has been in Master Scheduling, Supervisor in Fabrication and currently is in Industrial Engineering.

Bob enjoys sports and is very active in softball, bowling, golf, volleyball and bicycling. He shoots baskets with his sons and other family members often. Two Heaton sons are also employed at Data Systems Division -- Bob Heaton, Jr., is in our MIS and Computer Operations area, and Michael is in our Stockroom. The Heaton family has nine grandchildren.

What's been the best part of these 40 years?

"The best is the people, by far. We have outstanding people to work with," said Bob Heaton -- a man with a warm, ready smile and true zest for life.



Bob Heaton completed 40 years of service on May 7.

BOWLERS CLOSE SEASON AND GIVE OUT TROPHIES

Employees in Fairchild Weston's Mixed Bowling League celebrated the conclusion of the season at their bowling banquet on May 9 at the South Gate Community Center.

New league officers for the forthcoming year are: President, Jim Huffman, Vice President, Evelyn Christian; and Secretary, Linda Lotz.

Some of the winners of the trophies and cash awards are:

FIRST PLACE TEAM: Jim Huffman, Peggy & John Dolan, Darlene Horton.

HIGH GAME SCRATCH: Doris Pruitt, 256; Jim Huffman, 249.

HIGH GAME HANDICAP: Debbie Sutor, 279; Ed Graham 295.

HIGH SERIES SCRATCH: Pat Carney, 559; Frank Ratcliffe, 604.

HIGH SERIES HANDICAP: Peggy Dolan, 702; Charlie Grouse, 712.

MOST IMPROVED, MEN: Four-way tie among John Dolan, Bill Double, Charlie Grouse, Ernie Polk, all +11.

MOST IMPROVED, WOMEN: Sylvia Heaton +10.

HIGH AVERAGE: Doris Pruitt, 172, Jim Huffman, 181.

JUNE PULSE TO FEATURE YOUR NEWEST GRADUATES

June is the month we salute our graduates -- employees, and their sons and daughters who are graduating from high school, college, or technical and military schools. Questionnaires about graduates are being distributed via Supervisors. Please give us your graduation news by June 15, and congratulations, graduates!

OVER 1,000,000 HOURS

DIVISION WINS AWARD FOR SAFE WORK RECORD

Data Systems Division employees received a special safety commendation for over 1,000,000 hours of work without a lost-time accident. The safety award was presented during a joint Fairchild/Sangamo Safety and Security meeting held in Sarasota May 14-15. Rick Greenawalt, Personnel Director, accepted the award on behalf of all employees.



Rick Greenawalt, Personnel Director, and Debbie Graham, Occupational Health Nurse, accepted the 1,000,000 Safe Hours plaque on behalf of all Data Systems employees. The award was presented by Anthony R. Maleski, Senior Consultant for Aetna Technical Services.

"This achievement by Data Systems Division employees is a clear demonstration of how effective a Safety Awareness program can be when it has the support of all employees," said Safety and Security Director William M. Shaw. "I'd like to thank all the individuals who contributed toward this safety record."

"All employees, and especially our Safety Committee, can take pride in this excellent safety record," said Personnel Director Rick Greenawalt, "Of primary importance is avoiding painful injuries. However, we also benefit through potentially lower costs for insurance and workers compensation premiums, and anything which helps reduce the cost of doing business is a plus for employees and the company."

The Certificate of Merit for Safety was presented "for outstanding achievement in accident prevention without a disabling injury - 1,000,000 work hours." Presenting the plaque was Anthony R. Maleski, Senior Consultant for Aetna Technical Services, Inc. Data Systems Division's current safety record stands at 1,200,000 hours, as PULSE goes to press.

Our previous best safety record reached 1,800,000 hours without a lost-time accident. Our goal for 1987 is to achieve over 2,000,000 safe hours.

FLOAT TO APPEAR IN ARCADIA'S WATERMELON FESTIVAL MAY 30

Volunteers who enjoyed building our 30-year float can once again join in the fun of seeing the float in a parade on Saturday, May 30, at the Arcadia Watermelon Festival. The parade starts at 10 a.m., and details are posted at bulletin boards. Larry Stewart and Evelyn Christian are coordinating the float activities for the Arcadia parade. Y'all come!

CONGRATULATIONS!

DEBBIE WOOLARD (Operations) became Mrs. Neal Sutor on April 11 in a garden wedding ceremony at Selby Gardens.

CINDY WHETSEL (Accounts Payable) and her husband Terry welcomed their baby daughter Danielle Marie on April 26. She weighed in at 7 lb. 15 oz.

DARLENE KLENKE (Recorders Assembly) and PATRICK HORTON (Systems Assembly) were married on April 29 in a beach wedding at Point of Rocks, Siesta Key.

DELLA DUNLAP (Drafting) became Mrs. Troy Brown in a church wedding on Anna Maria Island on May 16.

REMEMBER WHEN ...

Celebrating 30 Years of Progress in Sarasota MAY EVENTS OF THE PAST

- 1967 Project Engineer Barry Barton completed checkout of the mobile ground station which Lockheed will use testing the giant new C-5A aircraft.
- 1967 Pulse celebrates its 1st birthday this month. Editor Margaret Herbst commented, "Couldn't we start a Send Your Current Editor To Europe fund?"
- 1970 EMR-Telemetry was honored by the Sarasota Garden Club for contributions to the "beauty and economic well-being of the Sarasota area."
- 1971 Jim Horvath of Design & Drafting and Dave Clouse of Manufacturing Engineering were both active members of the Gulf Coast Corvette Club. Jim had a red 1960 classic while Dave was the proud owner of a black 1962 and a red 1964 model.
- 1972 Sarasota County ordered water quality monitoring equipment reported Product Manager William E. Hardman.
- 1972 Jeff Norris won the children's division Miniature Golf contest at EMR's annual picnic.

(Items gleaned from past issues of PULSE by Dale Woodland, member of your 30 Years in Sarasota Committee)

JUST LOOK AT HOW WE'VE GROWN OVER 30 YEARS

Here are some historical views of the Data Systems Division and how it has grown in Sarasota during the past 30 years.

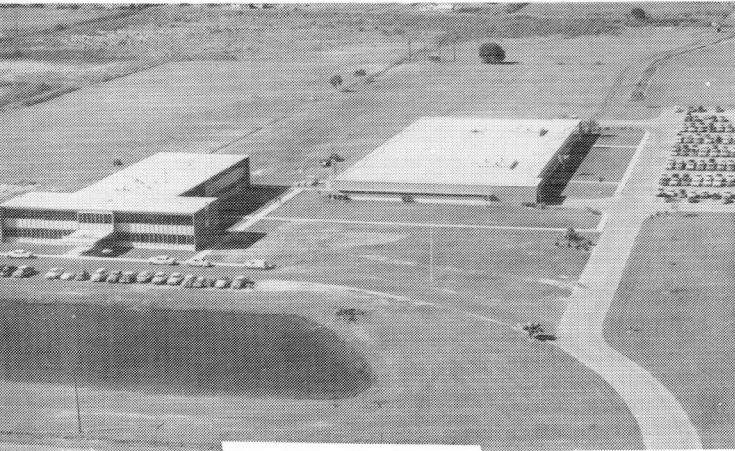


The original Production Building was occupied June 24-26, 1957. The bright new air-conditioned building contained some 45,000 square feet of floor space. As we moved into the new building, EMR's Sarasota employment totaled

180. That number was swelled by employees from Ridgefield, Conn., who moved to Florida during the summer and fall of 1957, and by continued growth.



A PICTURE STORY OF OUR FACILITY'S GROWTH

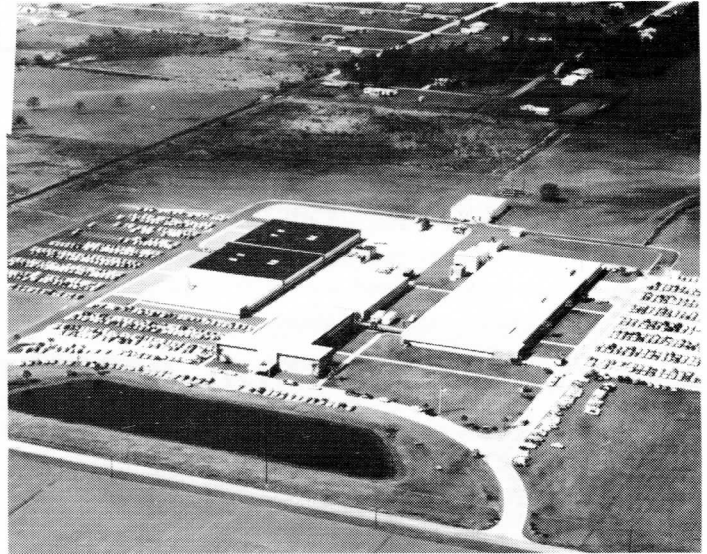


Next, the two-story Administration Building, completed October 1, 1958. It originally housed our Engineering, Accounting, Personnel, Sales and Administrative personnel.



By August, 1959, a large addition to the west end of the Production Building was started to accommodate EMR's expansion into the metalworking field. Early in 1960 the addition was ready for use by the Fabrication Department, which included the machine shop, sheet metal shop and plating.

In December, 1959, construction was started on the L-2 (Lab-2) building, just west of the Administration Building. Early occupants were Systems Engineering and the proposal-writing group. Later our Cafeteria, Communications, Security, Library and Reprographics used this building.



Major contracts caused a "population explosion" and the need for more work space. Three segments of the huge "S" (for Systems) building -- S-1, S-2 and S-3 -- were built in rapid-fire order, starting in August, 1962, and completed in early 1963. Engineering and Systems have traditionally occupied this space.



Still more growth. The four-building complex was roofed over to become one huge facility of 290,000 square feet which we currently occupy. This major expansion took place in 1978-1979.

VACATION LOANS AVAILABLE

Vacation loans are available through the Fairchild Sarasota Credit Union, beginning June 1 through July 31, 1987, for amounts up to \$1,000. There is a repayment period of six months, at 12% APR, with a stipulation that failure to pay back the loan within the six months will result in the loan balance interest rate increasing to 18% APR. For details, check with your Credit Union office -- and have a great vacation!

ANTI-STATIC PROTECTION SURVEY RESULTS

A REPORT FROM THE LEVEL TWO CREW CIRCLE

The LEVEL TWO CREW, made up of Group Leaders and representatives of most of our Operations areas, has been conducting an ongoing study and educational effort about Anti-Static Protection and the problems associated with ELECTROSTATIC DISCHARGE (ESD).

A survey about anti-static protection was distributed earlier and responses were received from 280 employees. The LEVEL TWO CREW has summarized the returns, and is

sharing this feedback with fellow employees.

Your questions, comments and suggestions are welcome, and can be discussed with any member of the Level Two Crew. They are: Art Acosta, Opal Black, Bob Carlson, Evelyn Christian, Dick Dungan, John Elliott, Phil Luquette, Pat Parrish, Tony Peet, Doris Roberts, Paul Shetler, Ann Stinton, Phil Stockton, Shirley Terry, and Phil Ingram, Facilitator.

ANTI-STATIC PROTECTION SURVEY RESULTS

1. Static protection is important to insure quality and durable products. A. TRUE -- 94% SURVEYED ANSWERED CORRECTLY.
2. Static protection is only necessary during the actual production process. A. FALSE -- 90% SURVEYED ANSWERED CORRECTLY.
3. Static protection is not required after a PWA is assembled and inspected. A. FALSE -- 90% RECOGNIZED THE CORRECT ANSWER.
4. Concerning anti-static protection at FWSI: The anti-static protection standard is being followed throughout the plant. A. 34% OF THE EMPLOYEES SURVEYED EITHER DID NOT KNOW OR AGREED THAT THE STANDARDS ARE BEING FOLLOWED. THIS WILL REQUIRE FURTHER INVESTIGATION WHICH IS NOW UNDERWAY BY THE LEVEL TWO CREW.
5. Failures due to static discharge are a growing problem at FWSI and throughout the electronics industry. A. TRUE. 69% SURVEYED ANSWERED CORRECTLY.
6. The costs incurred due to anti-static damage increases as the product moves through the production cycle. A. TRUE. 88% SURVEYED ANSWERED CORRECTLY.
7. Concerning anti-static protection at FWSI: All employees are responsible for the successful implementation of the anti-static protection program. A. TRUE. 91% SURVEYED ANSWERED CORRECTLY.
8. How would you rate the anti-static protection program at FWSI. A. 70% SURVEYED FELT OUR PROGRAM IS A GOOD ONE.
9. How would you rate the implementation of the anti-static protection program at FWSI. A. 71% SURVEYED FELT THE IMPLEMENTATION WAS GOOD.
10. Concerning anti-static protection at FWSI: How would you rate the information and training sessions provided prior to implementing the program. A. 57% SURVEYED FELT THE INFORMATION AND TRAINING SESSIONS WERE GOOD. Please turn to page 7.

ANTI-STATIC PROTECTION SURVEY RESULTS (Cont'd from Page 6)

11. Concerning anti-static protection at FWSI: How would you rate the quality and usefulness of the anti-static protection equipment. (Static Bags, Mats, Wrist Bands, etc.)
A. 73% SURVEYED RATED THE EQUIPMENT AS EXCELLENT QUALITY.

12. The cost of failures in the U. S. due to static discharge has been estimated to be -- A. ONE BILLION DOLLARS. 30% OF THE PEOPLE SURVEYED KNEW THIS COST.

13. How much static discharge does it take to induce component damage? A. 12 VOLTS. 33% OF THE PEOPLE SURVEYED KNEW THIS ANSWER.

14. Under what conditions is the amount of static electricity greater? A. UNDER LOW HUMIDITY CONDITIONS. 60% OF THE PEOPLE SURVEYED KNEW THIS ANSWER.

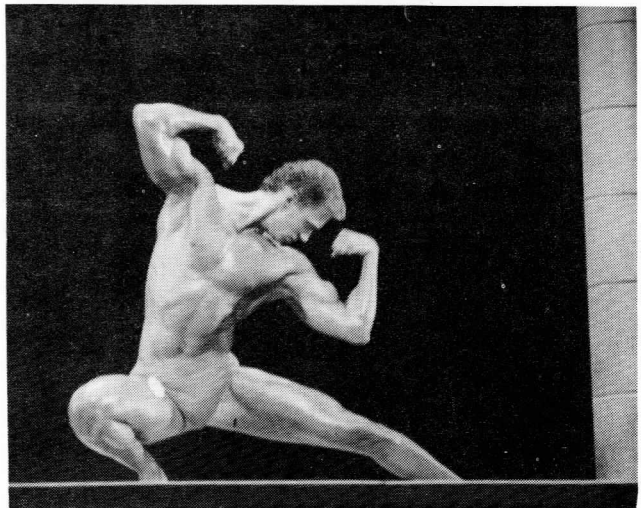
BODY BUILDING INVOLVES LOTS OF HARD WORK

Paul Coyas, of our Recorders Mechanical Engineering group, has been interested in body building for about six years. On Saturday, May 9, he participated in his first body building competition held at Sarasota's Van Wezel Performing Arts Hall before a sell-out crowd.

There were 55 men and women competitors in all, and Paul entered the men's novice class competition.

"During the Saturday afternoon judging, I was kind of nervous, but at the evening competition it was fun," Paul said. "There were about nine judges, and each contestant has to go through certain compulsory poses, and then 90 seconds of posing alone, choreographed to music you select yourself. The stage setting had an Egyptian temple theme."

Contestants are judged for muscle size, symmetry, proportion and definition, (an absence of body fat). Paul under-



Paul strikes a pose during body building competition.

went a special diet in preparation for the competition, in order to reduce body fat. He lost about 20 pounds in the ten weeks before the show. He is 6'3" tall and weighs about 195 pounds.

He works out for about an hour and a half a day, five days a week, at Mr. Gym, mostly on free weights -- weights on bars. Various exercises are geared toward developing specific muscles -- chest, back, arms, legs, calf, forearm, abdominal, shoulders, biceps, etc.

He is very careful in his body building program -- no steroids ... cautious warm-up before exercising ... high protein, low fat, low salt diet, but nothing extreme.

"It's not a sport for everyone," Paul said. "It requires a lot of work, and dedication, and you really have to like it. I have certainly learned a lot since I got into body building. And yes, I think I'll enter the contest again next year."



Paul Coyas at work.

EMPLOYEES MARKING SOME MAJOR SERVICE MILESTONES

We're talking MAJOR service milestones this month -- with Bob Heaton, Sr., observing his 40th service anniversary with our company on May 7th! We also have Joe Smith and Bill Gibson celebrating 30 years of service, along with Nina Van Tassel's 25th anniversary, and eight employees who reached milestones of 5, 10 and 15 years of service during May. Best wishes to all of our celebrants.



Happy anniversary to Ernestine Anderson (5 yrs.); Ken Slezak (10 yrs.); Shirley Chalfant (15 yrs.); Mark Lawson (10 yrs.); Deanna Turpin (5 yrs.); Van Stone (10 yrs.); and Kathy Lowe (10 yrs.). Missing from this photo is Lyle Head, of Customer Service, based in our Lancaster, California, area. Lyle completed five years of service on May 27.

QUALITY CONTROL SOCIETY ELECTS MANDAKIS CHAIRMAN

Bill Mandakis, Principal Reliability Engineer, has been elected the first Chairman of the newly organized Sarasota area section of the American Society of Quality Control (ASQC). The recently organized section meets approximately six times a year and is open to anyone interested in quality and the quality profession.

"We meet to exchange ideas, learn, and socialize," Bill Mandakis said. There will be interesting programs, and educational courses, and probably some joint meetings with other groups with related interests. Data Systems employees are invited to call Bill Mandakis, Ext. 6754, for information about meeting times, costs, locations, and general ASQC questions. The group already has 30 members and is growing.

The next meeting of the Sarasota area Section of the American Society of Quality Control will be on June 24.

SAFETY AWARENESS HELPS AVOID PAINFUL INJURIES



Special congratulations to this foursome, marking service anniversaries of 25, 30 and 40 years -- Joe Smith (30 yrs.); Bob Heaton, Sr. (40 yrs.); Nina Van Tassel (25 yrs.) and Bill Gibson (30 yrs.).

NEW HIGH FOR LOANS

The Fairchild Sarasota Credit Union posted a new record for loan activity for the month of April, 1987. New loans for the month exceeded \$100,000 -- the highest monthly loan activity the Credit Union has ever recorded. A major service provided by the Credit Union is convenient loans and payroll deductions for repayment. Other services include loan insurance, life insurance, a new car buying service, savings through payroll deductions, and other member services.

Members who have suggestions or recommendations for improvements in the Credit Union are invited to phone the Credit Union Office, Ext. 5535, to offer your suggestions, and to obtain more information about the Credit Union's services.

DATA SYSTEMS DIVISION SAVINGS PLAN -- 401(k)

QUARTER ENDING MARCH 31, 1987

FUND A	2.08%
FUND B	21.8%
FUND C	28.8%

FUND A -- Fixed Income Investment Fund

FUND B -- Diversified Fund

FUND C -- Schlumberger Common Stock Fund

NOTE: Changes in the Savings Plan Fund Options and vesting were announced in May. Effective July 1, 1987, all future contributions will go into the new general Profit Sharing and Savings Plan Fund. Employees who have retained funds in Fund A and Fund C can make changes quarterly -- by giving 40 days advance notice prior to the end of the quarter. A Data Systems Savings Plan authorization form is required to transfer the funds. Please call Alma Sanger, Ext. 5526, for details.