



**FAIRCHILD WESTON
SYSTEMS INC.**

FAIRCHILD WESTON
Schlumberger

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

CONGRATULATIONS GRADUATES!
★★★★★★★★★★★★

VOL. VII, NO. 5

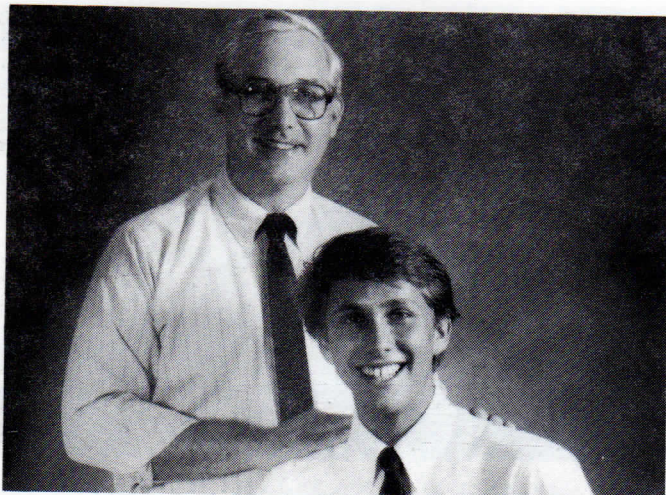
JUNE, 1985

SCHLUMBERGER SCHOLARSHIPS AWARDED SONS OF EMPLOYEES

Two Schlumberger Scholarships have been awarded to the sons of two Data Systems Division employees this month. The proud parents are Dick Bridgman, of Telemetry Test, and T. Mike Moninger, of Fabrication Engineering. This year's winners of Schlumberger Scholarships are Patrick Bridgman and Michel Moninger. Both are June graduates of Bayshore High School in Bradenton.



Dick Bridgman (left) and his son Patrick, who is one of our Schlumberger Scholarship winners this year.



Theodore (Mike) Moninger and Scholarship winner Michel Moninger.

(Cont'd on Page 2)

LAUNCH COMPLEX 39 SYSTEM APPROACHING COMPLETION

Acceptance testing was completed on a portion of the large Programmable Measurement System (PMS) for NASA during June. The PMS (also known as the Launch Complex 39 instrumentation update system) is being produced for NASA to support launches of the Space Shuttle from Kennedy Space Center. The system, valued at over \$3,800,000, includes subsystems for each of two Mobile Launcher Platforms, two Launch Pads, and the Launch Control Center.



Some of the team members on the Programmable Measurement System included Stu Gleman (NASA), Bill Claus (NASA Quality Rep), Erwin Lawson, Dave Walker, Barry Birnhak (Planning Research Corp/KSC), Kathy Bossert, Don Riker, Chuck Griffin (NASA), Len Zeiler, and Bob Shomberg (DCAS Quality Assurance Rep, Clearwater).

The portions of the acceptance testing completed during June included systems for Pad B, Mobile Launcher No. 3, and the Launch Control Center.

"Completion of the testing in time for the June shipment required many long days and weekends of work on the part of many of the Data Systems Division personnel involved in the program," said Program Manager Frank Hurlburt. The remaining systems for Pad A and Mobile Launcher No. 1 are scheduled for delivery at the end of July.

(Cont'd on Page 3)

AN EQUAL OPPORTUNITY EMPLOYER M/F/H/V

SCHLUMBERGER SCHOLARSHIPS AWARDED SONS OF EMPLOYEES

(Cont'd from Page 1)

PATRICK BRIDGMAN, son of Gabrielle and Dick Bridgman, plans to attend the University of South Florida, Tampa, and hopes to have a career in the computer engineering field. His plans include studying for a Master's degree after his bachelor's.

Pat has participated in advanced placement (college level) classes in Computer Science and French. He was a member of the French Club, Exchange Student Club, and Computer Club, and was on the honor roll several times. He enjoys tennis, video games and boating, and has his letter in varsity tennis. He has worked in a variety of jobs, including stock boy, bus boy, dishwasher, food server, lawn maintenance and currently pizza delivery.

"I couldn't believe it when the notice about the scholarship arrived," Pat said. "I was overjoyed."

Test Technician Dick Bridgman has been associated with our Telemetry Test Department since 1963, except for a year (1971-72) when Gabrielle and Dick and their two children (daughter Dana and son Pat) lived in Switzerland. There Dick found similar employment near Zurich with a Manufacturer of remote control equipment for the electric industry.

MICHEL MONINGER, son of Theodore and Aloith Moninger, will be attending New College of USF in Sarasota. His many hours include a National Merit Scholarship, and scholarships from the Kiwanis Club of Bradenton and New College Foundation, in addition to the Schlumberger Scholarship. He has participated in advanced placement (college level) classes in Computer Science and Spanish, and been accepted in several honor societies, such as the National Honor Society, Phi Beta Chi (national science honor society), Quill & Scroll, Spanish Honor Society, and participated in activities such as the school yearbook and photographer. His academic ranking and tests have placed him in the very top percentage among those tested.

Mike enjoys fishing, reading, tennis and photography, and he is very active in his church service. His present plans are to become a computer programmer or engineer, with special interest in artificial intelligence.

"I was thrilled with the Schlumberger Scholarship award," Mike said. "It really means a lot to me, and I'm very thankful to the committee." He has held a variety of jobs including retail sales and engraving, bus boy, and office cleaning.

With his Schlumberger Scholarship award, Mike is following in the footsteps of his sister, April, who won a Schlumberger Scholarship in 1983.

Theodore (Mike) Moninger first joined the company in 1963, and except for a break in service in 1967-69, he has

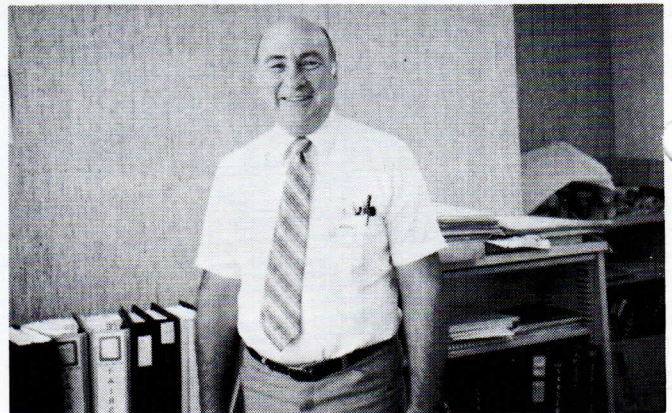
been active in various manufacturing and engineering posts. He is currently Associate Fabrication Engineer in our Fab Engineering Department.

A total of 40 Schlumberger Scholarships were awarded to participating Schlumberger companies in the U.S.A. and Canada this year. Sons and daughters of Data Systems Division employees have benefited from a total of seven Schlumberger Scholarships in recent years -- four in 1983, one in 1984, and two this year.

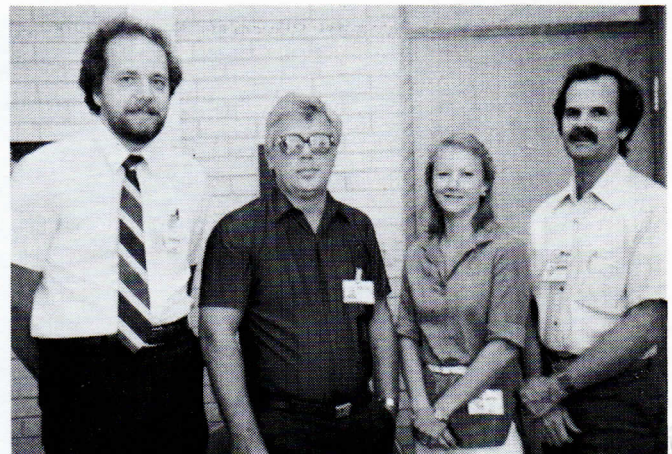
Information about eligibility for Schlumberger Scholarships is available through the Personnel Department. Parents are encouraged to follow up with Personnel to determine if they and their children meet the requirements for this scholarship program.

HAPPY ANNIVERSARY !

Anniversary greetings to five employees who are marking major service milestones with our company this month. Special congratulations to Tom McCarthy who celebrated a quarter of a century of service on June 6.



Tom McCarthy observed his 25th service anniversary this month.



Congratulations to the employees who are observing service milestones during June: Rick Phillips (5 years); Dick Frye (5 yrs.), Janice Maus (5 yrs.), Ron McDeed (5 yrs.).

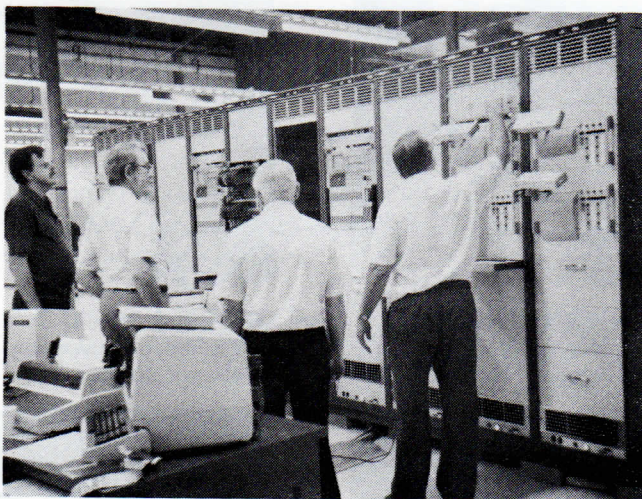
LAUNCH COMPLEX 39 SYSTEM APPROACHING COMPLETION

(Cont'd from Page 1)

The PMS is similar in function to the Launch Environment system recently delivered to Vandenberg Air Force Base. The system monitors a large number of sensors located in the launch area around the Space Shuttle during lift off. The sensors provide information describing the environmental conditions which exist in the immediate launch area. The PMS conditions and stores this environmental information while displaying the current conditions to Shuttle operations personnel in the Launch Control Center.

Work on this system has been supported by many employees at FWSI in almost every department, Frank said. Key personnel in the final testing of the system included Len Zeiler, Erwin Lawson, Kathy Bossert, Don Riker, Gene Harbert, Herb Jones and Wayne Sarnie, of Systems, along with John Whitmire, Dave Walker and Don Cupicha of Quality Assurance. Earl Studenwalt has sustained the Contract Administration responsibility throughout the project.

"When the need for a significant amount of system rework occurred during the final system testing, much extra effort was provided by Manufacturing personnel, especially the Systems Assembly group, and Quality Assurance personnel, in order to maintain the shipment schedule," said Wiley Dunn of Program Management. "Special thanks go to these employees and the many others who contributed so much to this project."



Stu Gleman (NASA), Erwin Lawson, Dave Walker, and Len Zeiler concentrated on the details of the Launch Control Center System before partial shipment.



There was lots of activity as acceptance testing took place on the NASA Programmable Measurement System this month. This partial view of the system shows Erwin Lawson, Herb Jones, Wayne Sarnie and Barry Birnhak with a Pad and Mobile Launch Platform system, prior to partial shipment.

LATE BULLETIN

★ CREDIT UNION NEWS ★

Effective July 1 through July 31, 1985, the Credit Union's interest rate on new 1985 cars, trucks and vans will be 11% A.P.R. (Annual Percentage Rate) for 30 months. Maximum loan value is \$10,000. Anyone requiring longer than 30 months repayment period will continue to pay 13%.

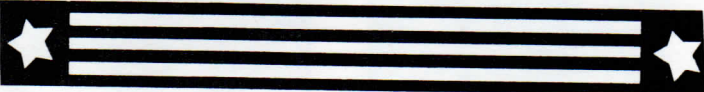
This interest rate change is granted due the recent drop in interest rates on the open market, according to Fairchild Sarasota Credit Union Treasurer Ed Annaratone.

QUALITY CIRCLE MEMBERS DESIGNING A NEW IMAGE

Members of the 17 Quality Circles currently active at Data Systems Division have been busy designing a new graphic image for Circle activities, in addition to the work they are doing on their individual Circle projects. The Circle teams are entering their suggestions for a Quality Circle poster, a logo, and slogan.

"Entries are being displayed in the Cafeteria for all employees to see, and the Advisory Committee certainly has its work cut out for it in judging these excellent entries," Quality Circle Facilitator Freddie Masse said. The winning team, or teams, will receive special recognition.

Each of the Quality Circle teams is continuing to do their behind-the-scenes project work -- research, analysis, and follow-up on their projects.



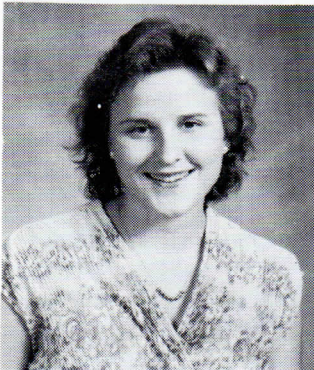
HAVE A SAFE HOLIDAY!

Have a happy holiday on July 4, and a good vacation -- but remember to be safe. Safety awareness pays good dividends at work, at home, at play, and on vacation. Please avoid those painful injuries, and come back safe and sound.

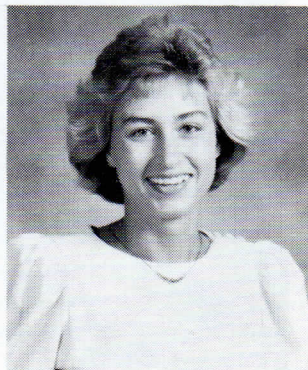
NEW EMPLOYEES HELPING US TO MEET DIVISION'S GOALS

Welcome aboard to the new employees who joined Data Systems Division during May. To help us get better acquainted, here are some photos of our new colleagues who are working with us to meet the Division's goals for 1985 and the future.

Here's hoping you enjoy being part of the action at Fairchild Weston, as our company grows and prospers. Working together we can design and produce the high quality products, systems and service needed to meet our customers' requirements.



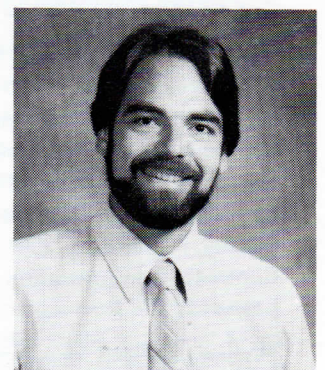
CHERYL BENNETT
Assoc. Sci. Programmer
Tele. Software Systems



KATHY BORDELL
Accountant
Cost Accounting



DON CARON
Sr. Technical Writer
Signal Processing



ALAN R. DAVIS
Chemical Engineer
Quality Assurance



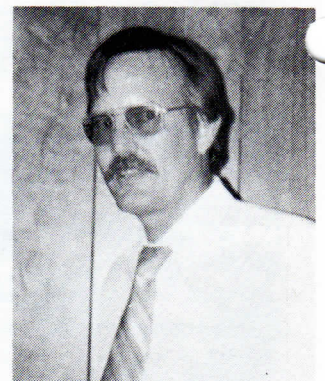
REGINA DEVINE
Assembler, Printed
Wiring Assembly



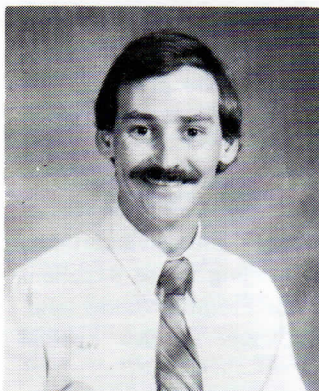
KATHY L. HANDRA
Accounting Clerk
Cost Accounting



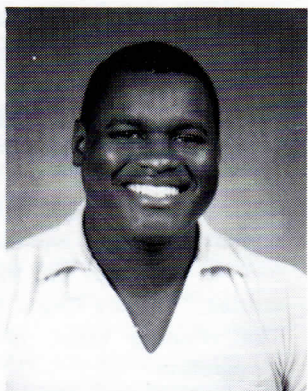
CAROLYN KLEIST
Accounting Clerk
Accounts Payable



WILBUR A. LONG
Field Service Technician
Customer Support



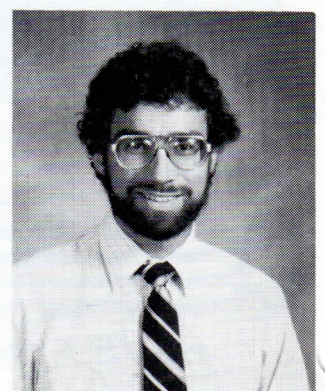
CARLO MAMMELLI
Technical Writer
Recorders



VICTOR PARKER
Duplicator Operator
Reprographics

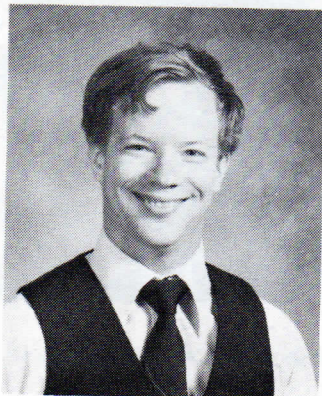


RHONDA PAYTON
Assoc. Sci. Programmer
Tele. Software Systems

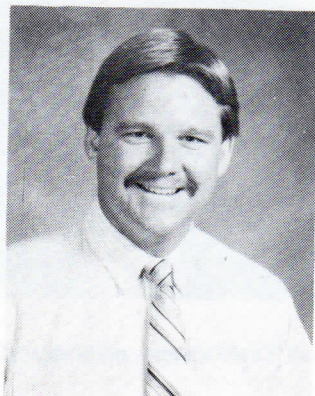


SCOTT PINSKER
Assoc. Tech. Writer
Tele. Technical Pubs.

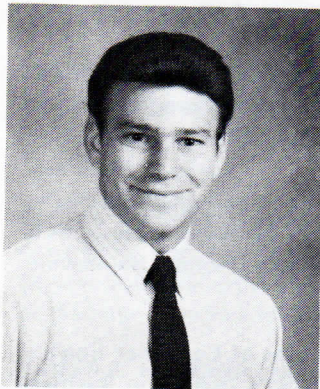
NEW FELLOW EMPLOYEES



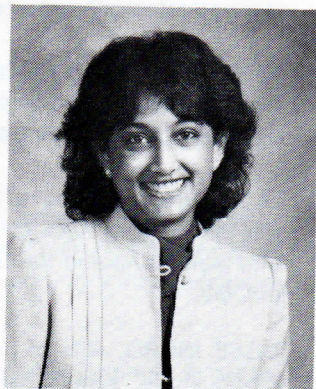
RICH PUTT
Technician
Signal Processing



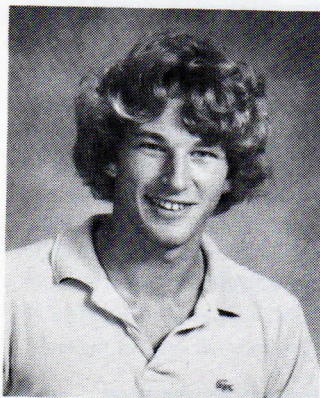
J. PAT REDMOND, JR.
Accountant
General Accounting



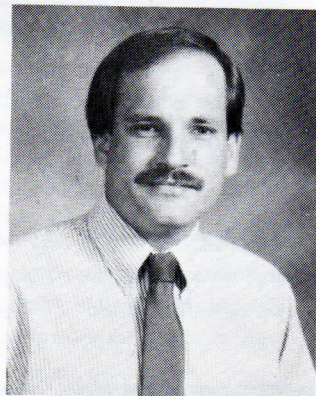
PHILIP G. SCHRAM
Assoc. Engineer
Signal Processing



SHOBA SHETTY
Assoc. Engineer
Tele. Systems Products



WAYNE TINSLEY
Mat'l Attendant Helper
Stockroom



PHILIP VAN ATTA
Assoc. Engineer
Signal Processing

FAIRCHILD WESTON DONATES \$20,000 FUND TO SUPPORT USF ENGINEERING LIBRARY

Fairchild Weston's Data Systems Division has donated \$20,000 to the University of South Florida's Bi-County Center for Engineering, in Sarasota, to purchase engineering journals to be used for research by students and engineering professionals.

"The donation is specifically directed toward purchasing the complete set of back issues, on microfilm, of the Proceedings of the Institute of Electrical and Electronic Engineers (IEEE) from 1913 to the present," Technical Director Bill Waggener explained. In addition, the complete back issues of IEEE Transactions of the following groups will also be purchased:

Acoustics, Speech and Signal Processing
Aerospace and Electronic Systems
Communications
Computers
Magnetics
Space Electronics and Telemetry
IEEE Journal of Lightwave Technology
Selected Areas of Communication
Solid State Circuits
Information Theory
Software Engineering
Micro Magazine

A \$5000 endowment is included in the \$20,000 gift to provide limited updating of the journals.

"These journals are among the most widely used and referenced journals by the technical staff at Data Systems Division. When the USF-Sarasota Library is completed later this summer, Data Systems Division engineers will have access to these important references," Waggener said.

Dr. Robert V. Barylski, Dean of the USF-Sarasota campus, commented that the gift is particularly important since the first undergraduate engineering courses will be added in the fall, and the graduate curriculum will be in its second year.

"We are particularly grateful to Fairchild Weston for this initial gift for it underscores the partnership between the private and the public sectors in providing and supporting engineering education to this area," Dean Barylski said. "The presence of the engineering curriculum is due in large part to the efforts of local private enterprise working through the chambers of commerce of our two counties."

Horace C. Gordon, Jr. director of the Bi-County Engineering Center, noted that prior to this gift, copies of articles had to be ordered from the Tampa campus library, making for a considerable delay.

General Manager Joe Keller and Bill Waggener both emphasized that academic excellence is basic to our industry, and we are very pleased to have the USF Engineering Center in our community.



SAFETY AWARENESS PAYS

Safety awareness and safe practices are your best bet to avoid painful injury. Accidents hurt. Be careful, and be safe!



CONGRATULATIONS, GRADUATE

It's graduation time, and PULSE is pleased to salute our graduates who have successfully completed their studies for a high school diploma or college degree.

Among our graduates are employees' sons, daughters, and spouses, plus quite a number of employees who have achieved major educational milestones.

Congratulations, one and all. We're proud of you, and wish you well as you continue your education or follow your chosen career.

KATHY BORDELL, Accountant in our Cost Accounting Department, received her B.A. degree in Accounting from the University of South Florida, Tampa, in April.

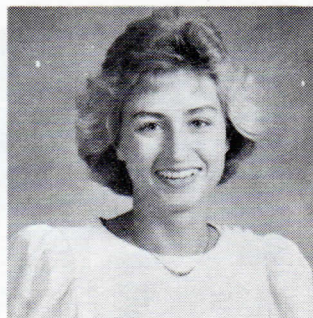
PATRICK BRIDGMAN, son of Dick Bridgman of Telemetry Test, was graduated from Bayshore High School, Bradenton, on June 11. He plans to enter USF, Tampa, majoring in Computer Science. (Please see the separate story on our Schlumberger Scholarship winners.)

WILLIAM PATRICK BYRNE, son of Carol Byrne, Data Processing Lab, received his Bachelor's degree in Criminal Justice, magna cum laude, from the University of North Florida, Jacksonville. He is a Navy veteran and plans to work for Naval Intelligence.

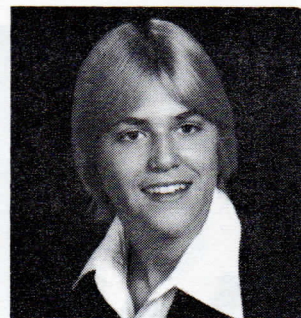
ED DOMRZALSKI, III, son of Ed Domrzalski, Jr., of Telemetry Systems, was awarded a B.S. and Theology degree in Church Education at Baptist Bible College, Springfield, Mo., on May 23. He is Youth Pastor for Heritage Baptist Church, Venice, Fla.

MICHELLE DURRETT, daughter of Harry Durrett of Export Sales, earned her Bachelor of Business Administration degree from Belmont College, Nashville, Tenn., on May 11. She is studying to take her CPA exam in October.

MAURICE GRITZMAN, Director of Quality Assurance, was awarded his Master's Degree in the Executive MBA program by the University of South Florida on April 26.



KATHY BORDELL



PATRICK BRIDGMAN

CHARLES (C.J.) GROUSE, son of Charlie Grouse of Equipment Recorders Marketing, received his diploma at Riverview High School's commencement exercises this month. He plans to attend Manatee Community College.

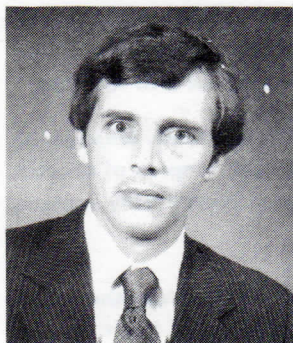
TOM HACKETT, Manager of Quality Control, was awarded a Master's degree in the Executive MBA program by the University of South Florida on April 26.

LAURA HALL, daughter of Charlie Hall of Signal Processing, was in Riverview High School's graduating class on June 6. She plans to attend the University of Florida, Gainesville, this fall.

DILCE INGRO, wife of John Ingro of Customer Service, Albuquerque, earned her Bachelor's degree in Business Administration at the University of Albuquerque on May 25. Dilce is employed in the Accounting Department of GTE Data Systems and plans to continue her studies toward a Master's degree in Business Administration (Accounting) at the University of New Mexico.

ANITA R. INGRO, daughter of John Ingro of Customer Service, Albuquerque, received her diploma from Manzano High School, Albuquerque, N.M. on May 19. She plans to enroll at the University of New Mexico in September.

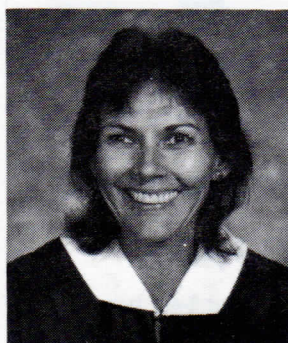
RON KOTLEWSKI, son of Augie Kotlewski of Telemetry Systems Products, was graduated from Muskegon High School, Muskegon, Mich., on June 5. Ron is employed in printing and graphic arts.



TOM HACKETT



LAURA HALL



DILCE INGRO

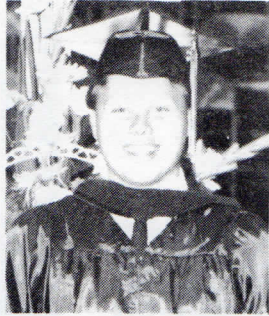


ANITA INGRO

ES -- WE ARE VERY PROUD OF YOU



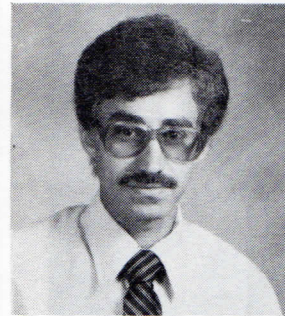
WILLIAM BYRNE



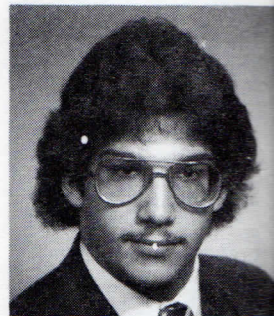
ED DOMRZALSKI, III



MICHELLE DURRETT



MAURICE GRITZMAN



CHARLES GROUSE

ALLEN J. LAWTON, son of A.Jay Lawton of our Calibration Lab, was a member of the Sarasota High School graduating class on June 8. He is scheduled to enter the U.S. Marine Corps in August, reporting to Parris Island, S.C.

TIMOTHY LITWILLER, son of Milton Litwiller of Telemetry R & D, received his diploma from Southeast High School, Bradenton, on June 11. He plans to attend Manatee Community College.

GLORIA MARRERO, daughter of Baba Marrero of Quality Assurance, was graduated from Cardinal Mooney High School, Sarasota, on May 31. She plans to study Journalism at Manatee Community College.

JAMES E. MASSING, Senior Principal Engineer in Signal Processing, completed the requirements for a Bachelor of Arts degree in General Business Administration at USF in December, 1984. Jim already holds an Electrical Engineering degree, and has started graduate school, working toward his Master's degree in Computer Science.

KEVIN T. MCCARTHY, son of Tom McCarthy of Data Recorders Engineering, was awarded a degree in Business Education at Florida State University, Tallahassee, on April 27.

MICHEL MONINGER, son of T. Mike Moninger of Fabrication Engineering, was awarded his high school diploma from Bayshore High, Bradenton, on June 11. He will attend New College in Sarasota. (Please see the separate story on our Schlumberger Scholarship winners.)

JOANNA KATHERINE PEET, daughter of Carolyn Peet of Telemetry Technical Publications, received her diploma on June 8 at the Sarasota High School commencement exercises. She plans to attend Manatee Community College.

EVELIO PEREZ, JR., son of Eva Perez of Telemetry Assembly, was awarded his bachelor's degree from St. Leo College, Fla., in May. Evelio completed six years of service in the Marine Corps on April 4, and was honorably discharged with the rank of Sergeant. He received his A.A. and B.A. in Criminal Justice. He also attended Tampa Police Academy in his spare time. Evelio plans to attend Stockton State College, Pomona, N.J., to study for his Master's degree and pursue a career in law enforcement.

STEVEN JAY PERRY, son of Vivian Owen of Data Recorders Assembly, was graduated from Bayshore High School, Bradenton, on June 12. He will enter the Air Force in July, and after basic training hopes to attend technical school for Computer Engineering.

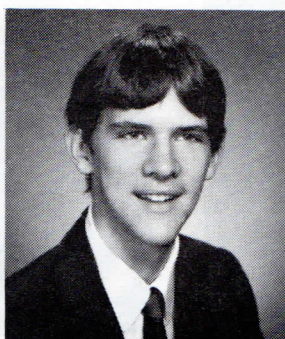
MATHEW JAMES PETERSEN, son of Gary Petersen of Production Control, received his diploma from Coronado High School, El Paso, Texas, on May 22. He will attend Manatee Community College, majoring in Flight Engineering.

PAT REDMOND, Accountant in General Accounting, received his B.A. degree in Accounting from the University of South Florida, Tampa, on April 28. He plans to continue his studies toward an MBA at USF.

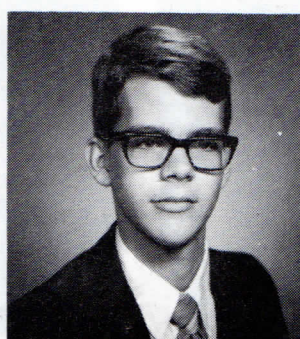
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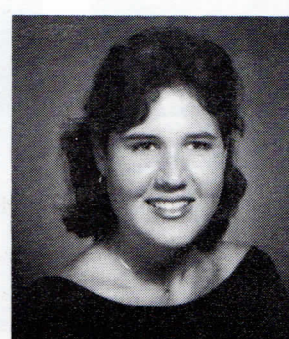
RON KOTLEWSKI



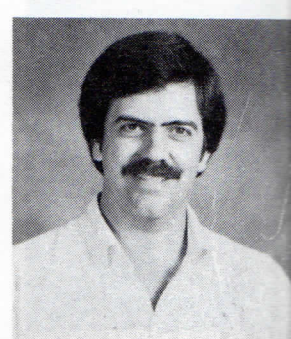
ALLEN LAWTON



TIMOTHY LITWILLER

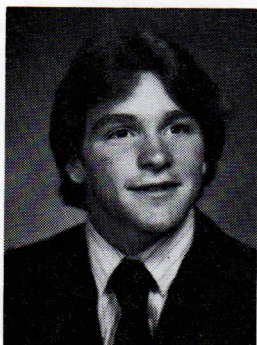


GLORIA MARRERO

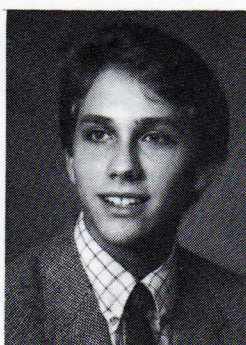


JAMES MASSING

CONGRATULATIONS, GRADUATES -- WE ARE VERY PROUD OF YOU



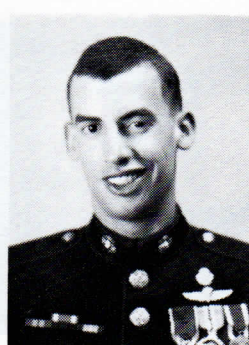
KEVIN McCARTHY



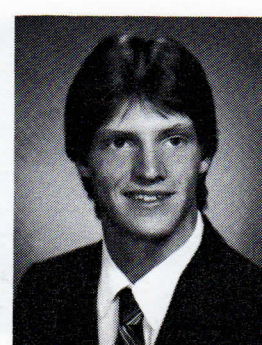
MICHEL MONINGER



JOANNA PEET



EVELIO PEREZ, JR.



STEVEN PERRY

ERIC SCHMITZ, son of Bill Schmitz of Signal Processing, earned his Bachelor's degree in Accounting at Florida State University, Tallahassee, in December, 1984. He is continuing his studies in preparation for taking the CPA exam.

JENNIFER SCHMITZ, daughter of Bill Schmitz of Signal Processing, was a member of the graduating class of Clearwater Central Catholic High School in May. She plans to attend St. Petersburg Junior College and is interested in studying law.

CONSTANCE M. SHAW, daughter of Bill Shaw of Security and Safety, received her Bachelor's degree in Business (Industrial Relations) on May 18. She hopes to do graduate work in the Washington, D.C. area.

SUSAN B. STUBBS, daughter of Jerry Stubbs of Customer Support, was graduated from Pine View School in Sarasota on June 5. She plans to be a dance major at Texas Christian University, Fort Worth.

DARLENE SUTHERLAND, daughter of Sue Sutherland of Software, was graduated from East Bay High School, Apollo Beach, on June 6. She will attend Hillsborough Community College.

CATHY ULFERS, daughter of Stuart Ulfers of Signal Processing, received her B.S. degree in Biology, with a minor in Chemistry from Mankato State College, Minn. She plans to pursue a Master's degree after working in her chosen field for a year.

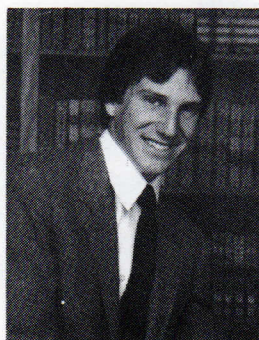
ROBERT W. VAN DONINCK, son of Robert C. Van Doninck of our Calibration Lab, was a member of the graduating class at Bayshore High School, Bradenton, on June 11. He has enlisted in the Navy.

LYNDA L. VEIGEL, daughter of Richard Veigel of our Tool & Die Shop, received her diploma at Venice High School's commencement exercises on June 6. She plans to be married in September and move to Canada.

ROBERT G. WACHOB, son of Jim Wachob of Signal Processing, was graduated from Sarasota High School on June 8. He plans to attend Manatee Community College.

LISA ANN WAGGENER, daughter of Bill Waggener, Sr., our Technical Director, earned her B.S. degree in Electrical Engineering at Christian Brothers College, Memphis, Tenn., on May 11.

BILL WAGGENER, JR., son of Technical Director Bill Waggener, was graduated from Rose-Hulman Institute of Technology, Terre Haute, Ind., on May 25. Bill was awarded his B.S. degree in Electrical Engineering, and is now an Associate Engineer in Systems Products.



MATHEW PETERSEN



PAT REDMOND



ERIC SCHMITZ

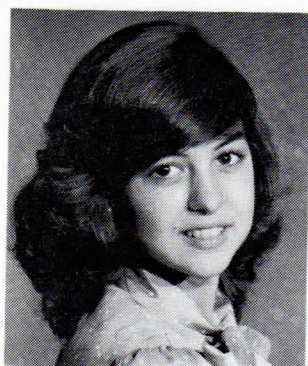


JENNIFER SCHMITZ



CONSTANCE SHAW

CONGRATULATIONS, GRADUATES -- WE ARE PROUD OF YOU



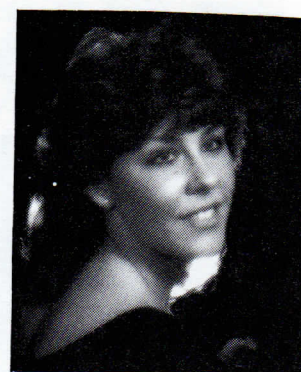
SUSAN STUBBS



DARLENE SUTHERLAND



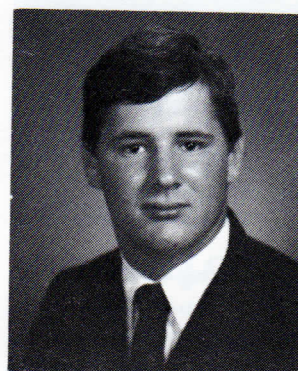
ROBERT VAN DONINCK



LYNDA VEIGEL

CAREN WEBER, wife of Joel Weber of Systems Products, received her B.S. in Nursing, magna cum laude, from the University of South Florida Nursing School in Tampa on April 28. She plans to work in a local hospital.

DOUGLAS A. WEINZIERL, son of Art Weinzierl of our Calibration Lab, was awarded a Master's degree in Business Administration by Bryant College, Smithfield, R.I., on May 17. He is employed as a district manager for H & R Block in Rhode Island.



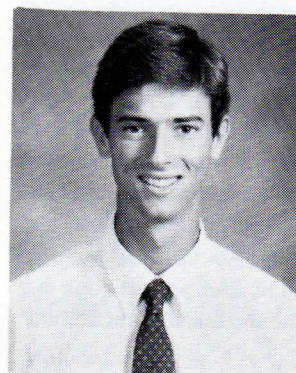
ROBERT WACHOB



LISA WAGGENER

JAMES WALLACE WHITE, JR. son of Evelyn White (Systems Assembly) and Jim White (Telemetry Test), was a member of the Sarasota High School graduating class at the June 8 commencement. He plans to attend Florida A & M University, Tallahassee.

LEONARD C. ZEILER, JR., son of Len Zeiler of Systems Engineering, will receive an A.A. degree in Accounting at Tallahassee Community College in July. He plans to attend Florida State University and work toward a Master's Degree in Accounting and his CPA.

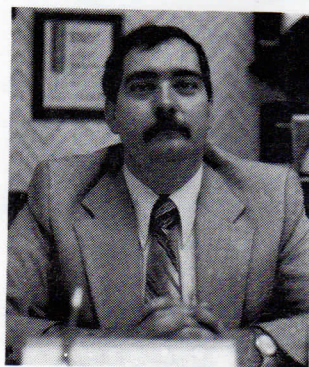


WILLIAM WAGGENER, JR.

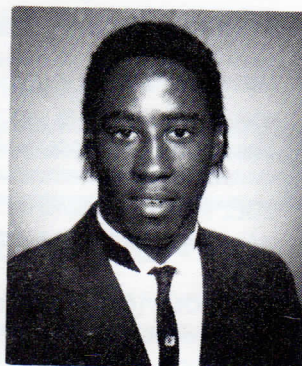


CAREN WEBER

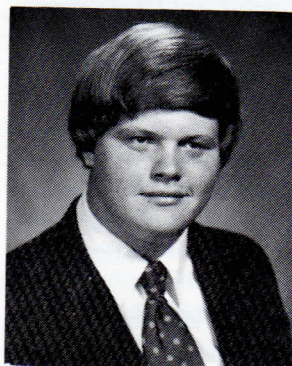
TIM ZEILER, son of Len Zeiler of Systems Engineering, received his diploma from Riverview High School this month. He expects to continue his education at Manatee Community College or Sarasota Vocational Technical School.



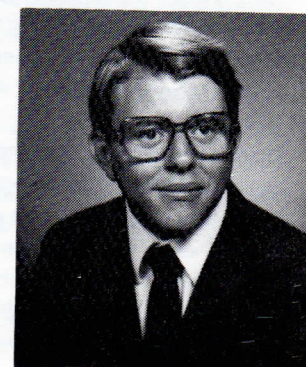
DOUGLAS WEINZIERL



JAMES WHITE JR.



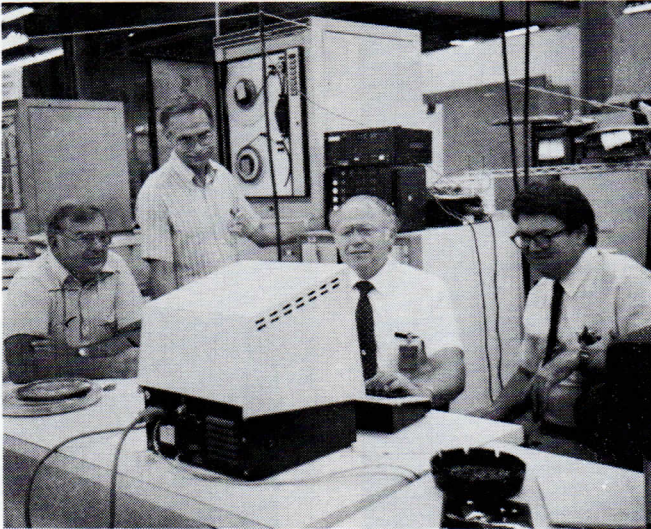
LEONARD ZEILER, JR.



TIM ZEILER

NEW WIND SHEAR SYSTEM TO GO TO DENVER AIRPORT

A new Wind Shear Alert system completed in-house acceptance testing at Data Systems Division this month prior to shipment to Denver for installation at Denver's Stapleton Airport.



Shown during in-house acceptance testing of a new Low Level Wind Shear Alert System are: FAA Quality Reliability Officer John Semegen (Clearwater, Fla.), Project Engineer Walt Knopik, FAA Program Manager Dan Rebhun (Washington, D.C.), and Marvin Edgeworth, Software Project Engineer. The system is to be installed at the Denver airport. Directly behind the computer terminal is the digital display unit.

The FAA program is designed to provide the Federal Aviation Agency with an improved Low Level Wind Shear monitoring system, plus a research tool to record wind profiles that lead to serious wind shear events. Wind Shear conditions can be hazardous for aircraft during takeoff and landing. Stapleton Airport (and earlier New Orleans' Moisant International Airport) were chosen by FAA as test sites due to the high incidence of wind shear and microburst activity.

Test results will help the FAA to determine potential future improvements to be added to wind shear measurement systems now installed at 58 airports around the country. Walt Knopik is Project Engineer and Marvin Edgeworth has software responsibility for this contract. Fairchild Weston's Sarasota operation has been active in design and installation of Low Level Wind Shear Alert Systems since about 1977.

This new LLWSAS equipment will allow up to 12 sensing stations. Based on the experience gained in New Orleans, the software will perform statistical analysis on the stored data to alert airport technicians to any anomalies in the performance of the reporting stations. The software has also been modified to reduce the incidence of false alarms due to short-term localized meteorological conditions, and the New Orleans software will be retrofit, Marvin said.

Hardware includes remote wind sensing units (installed around the airport periphery); a display unit, and master station containing the PDP 11/23 Plus, Walt said. Wind speed and direction data are collected from remote units and sent to the master station via radio link. A determination is made concerning wind shear and passed along to the Tower Air Traffic Controllers for voice transmittal to incoming and outgoing pilots.

RENOVATIONS CONTINUING THROUGHOUT THE FACILITY

Fencing around the Blue parking lot and a new guard house should be complete by the end of June, according Facilities Manager Frank Bloechl. This will provide security for that parking area and allow us to open the south door for employees using the Blue lot.

"The camera and push button arrangement will be moved, but will continue to operate in the same manner," Frank said. "One plus is that the Blue lot will no longer be a dead end. Cars will be able to enter via one driveway and leave by the other." Drainage around the guard house and other low spots in the driveway will be improved.

A contract has been let to begin renovating restrooms. The first two restrooms scheduled for renovation will be those near the Machine Shop, and this work should start within a couple of weeks, Frank said.

CONGRATULATIONS !

BOB KING (Signal Processing, located in our Wheaton, Md., office) and his wife Valorie welcomed their new daughter, Carol Elizabeth, on June 23. She weighed 7 lb. 9 oz. on arrival.

DONNA SHOPP (Data Recorders Assembly) and her husband Carl announce the arrival of their son Carl Anthony on June 4. He weighed in at 7 lb. 9 oz.

ED RODGERS (Telemetry Hardware) and his wife Carole have a new daughter, Jennifer Lynn, born June 1. She weighed 7 lb. 11 oz. at birth.

MICHAEL WEED (Telemetry Hardware) and his wife Melinda welcomed their new baby daughter Emily Sue on May 29. She weighed in at 9 lb. 3 oz.

JOEL WEBER (Telemetry Systems Products) married Caren Wise on May 26 in Del Ray Beach, Fla.

RAY SOLA (Calibration Lab) and his wife Peggy are the proud parents of a son, Tristan Allen, born on May 27. He weighed 6 lb. 13 oz.

FAREWELL AND GOOD LUCK TO TWO NEW RETIREES

Cleo Brown and Mae Vann, both Electro-Mechanical Inspectors in our Quality Control Department, selected June as the time to begin their early retirement from long-time employment with our company.



CLEO BROWN



MAE VANN

CLEO BROWN, who joined us in 1963, is preparing for an extensive trip out west, with scheduled sightseeing stops at Royal Gorge, Grand Canyon, Hoover Dam, Las Vegas, the Badlands of South Dakota, Mount Rushmore, and much more. She is looking forward to more time to enjoy activities such as her flowers, fishing, some good movies and card games, and the place she and her husband Bud have in North Carolina, close to the Blue Ridge Parkway. Their son and daughter live nearby in Bradenton.

"I'm going to miss the people here at work. I especially enjoyed the area I've been working in recently, because the people are so nice and helpful and the emphasis on quality is very good," Cleo said. "One thing I've learned working in Inspection is patience."

MAE VANN joined us in 1962 and has been in Inspection since 1973. "After all these years of working with many of the same people, I'm going to miss my friends. We've laughed together, and sometimes cried together, when there was a sadness in a family," Mae said. "Everyone knew that when I was in my seat I was an Inspector, but when I left my chair, we were friends."

Mae and her husband Herbie are "retiring" together to do what comes naturally -- boating, canoeing, riding their bikes and mopeds, and listening to the hoot owls. "When you live on Hoot Owl Drive, that's what you do," Mae said. They will also take time to use their camper, perhaps go north to see the leaves turning in the fall, and enjoy their family -- a son next door, a daughter in Boca Raton, a daughter in Salt Lake City, and a son in Alaska.

To Cleo and Mae, best wishes from your friends at Data Systems Division.

BASKETBALL TEAM ORGANIZED

A newly organized men's basketball team, representing Data Systems Division, has started playing in the Sarasota City Basketball League, at Arlington Park. Team members include Robert Anderson, Dick Dobbyn, Jim Graham, Herb Jones, Gerry Lavelle, Rick Mowrey, Ralph Portuondo, Scott Rowe, Wayne Sarnie, Mike Wagner and Scott Zeiner.

If you have any interest in playing basketball, please call Ralph Portuondo, Ext. 432. Game schedules are posted at bulletin boards for your information.

NEW EMPLOYEES ATTEND ORIENTATION SESSIONS

A new orientation program was initiated during the week of June 10 to help new employees become better acquainted with our company and our business. Speakers from various departments touched on how the Division is organized, our product lines, benefits, security, safety and other facets of the employment picture at Data Systems Division. New employees were guided through the plant for a tour of the facility.

The orientation sessions were extended for new technical employees to include briefings on technical aspects of our products and systems, with some of our technical experts covering this subject matter.

"We plan to offer the orientation program on a regular basis for groups of new employees," Personnel Director Rick Greenawalt said. "We especially want to express our appreciation to all of the employees who participated in the orientation program."

GOALS --

ROAD MAP TO ACHIEVEMENT

Now that you have set your goal, make sure you have a plan on how to reach it. A goal without a plan is just a dream...so turn your dream into reality by planning out the specific steps you need to take to reach your goal.

--Freddie Masse

SUMMER SOFTBALL UNDERWAY

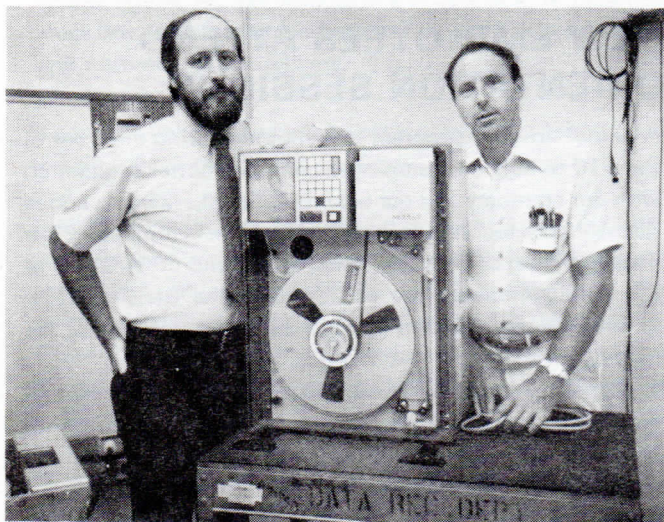
Members of Fairchild Weston's Summer Softball team include Craig Bolger, Wayne Brinton, Rick Greenawalt, Tom Greinke, Maurice Gritzman, Fred Meyer, Dean Norfleet, Rob Ramey, Robin Speidel, Dan Toler, and Joe Yeager.

Our team plays Mondays and Wednesdays through August 7 at Bee Ridge or Fruitville fields. Check the schedule posted at bulletin boards, and come on out to cheer our men to victory.

PATENT AWARDED CO-INVENTORS FOR MODEL 9 PACKAGING CONCEPT

A new patent has been awarded to Fairchild Weston Systems, Inc., and Inventors William R. Davis and David G. Hart for their design of a light-weight chassis and cabinet assembly of the Model 9 Instrumentation Data Recorder. The patent is entitled "Light Weight Chassis and Cabinet Assembly for Magnetic Tape Recorder."

Bill Davis (Supervisor of Drafting) and Dave Hart (Senior Principal Engineer in Data Recorders Engineering) worked together on the mechanical design and implementation of the packaging of the Portable Data Recorder.



Bill Davis (left) and Dave Hart received a patent recently for their packaging concepts in connection with our Model 9 Data Recorder.

"The concepts are light weight, transportability and serviceability," Bill Davis explained. By utilizing a wire frame and some structural foam panels, instead of heavier machined metal parts, the machine is lighter in weight and can be more economical to produce in quantity. The wire frame allows easier access to printed circuit boards for service, and the "open air flow" characteristic of the wire frame chassis helps cool critical electrical components.

Dave Hart supported the mechanical engineering aspects of the design, such as in the transport and geometry. Bill Davis' contribution to the concept was mainly in the packaging portion of the design of the Model 9 Data Recorder.

"The first production run of the Model 9 has been shipped to a variety of customers," said Steve Hoff, Data Recorders Sales Manager. "The unit is gaining respect in the field, and we are looking forward to some repeat orders in the near future."

Commending the co-inventors on their achievement in winning a patent, General Manager R.J. Keller noted that Data Systems Division continues to place strong emphasis on technical excellence in our products and systems,

PLEASING TO THE EYE AND TO YOUR SWEET TOOTH

Dorothy Berner, of Printed Circuit Board Assembly, likes to work with her hands. She recently turned her talents to cake decorating and making artistic creations with confections. The result was that she walked off with a number of ribbons at the second annual cake show held at the Gulf Gate Mall in May.



Dorothy Berner and her prize-winning sweets

The show, sponsored by "Sweet Conclusions" in the Gold Tree shopping center, netted Dorothy a \$25 gift certificate and the ribbons, plus a lot of satisfaction.

She studied candy making and various decorating techniques at Sweet Conclusions, and created a prize-winning orchid, made of edible gum paste--something like a sweet pie dough--mixed with confectionery sugar and gum trachia. Her "animal farm" consists of a family of pigs, made of candy melt--the kind of chocolate that bonbons are coated with.

In her prize-winning cake decoration, she used the English Nirvana technique. Dorothy made a multi-layered cut-out design, and poured color flow over the plastic wrap. The six-sided design has cut-outs with a variety of Christmas designs -- carolers, poinsettias, holly, etc.

This kind of cake is popular for anniversaries in England, Dorothy explained. It's usually a pound cake, or fruit cake, covered with marzipan, and this kind of candy decoration. The honored couple is presented with a silver mallet to break the decorative layers and get to the cake, but it's all edible.

"I love to do intricate designs, rather than regular cake baking or decorating," Dorothy said. Some of her other interests include macrame, crocheting, needlepoint, and playing the organ.