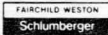




**FAIRCHILD WESTON  
SYSTEMS INC.**



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. 9

SEPTEMBER, 1987

## FIRST AN/USH-32 PRODUCTION UNIT SHIPPED ON NAVY CONTRACT

The first Production unit of the AN/USH-32(V) Signal Recorder/Reproducer System was shipped to the U.S. Navy this month. The unit went to IBM in Owego, N.Y., for installation into a shipboard system known as the AN/SQQ-28(V) LAMPS MK III.

"We have orders for 17 AN/USH-32(V) systems at this time. The initial Production machine was a (V)2 configuration which is a 28 track Recorder. Other units in this order consist of two (V)2 Recorders, and the remainder are (V)1 configurations which are 14 track Recorders," said Ray Shuford, Program Manager.

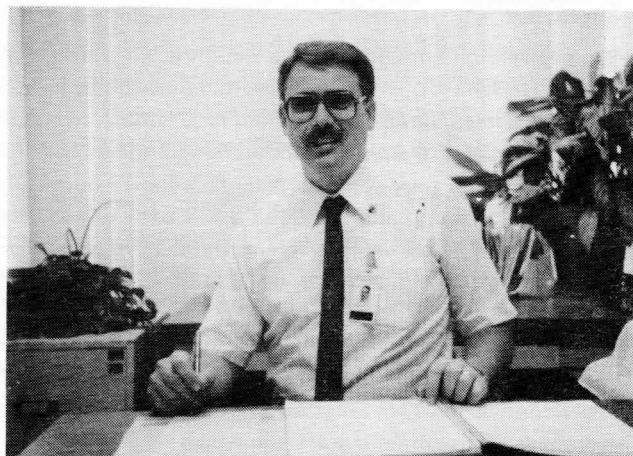
"This unit represents a lot of effort by many people," Ray continued. "It was the first Production unit and it was the first (V)2 configuration unit which we built. Also, it is the first unit shipped directly to the customer, and that requires special care in packaging and paperwork."

The current contract stems from a 1985 U.S. Navy contract for Data Systems Division to build Acoustic Data Recorders for the Navy's Anti-Submarine Warfare program. The Recorder was originally designed and built for the Navy by Bell and Howell. The initial phase of our program, which

was successfully completed, called for complete verification of an existing machine provided by the Navy, and building the first unit which was subjected to extreme environmental and performance testing.

In 1986 Data Svstems Division became qualified to be a supplier of the Navy AN/USH-32 for the next three years.

## PHILLIP LUQUETTE NAMED FACILITATOR FOR CIRCLES



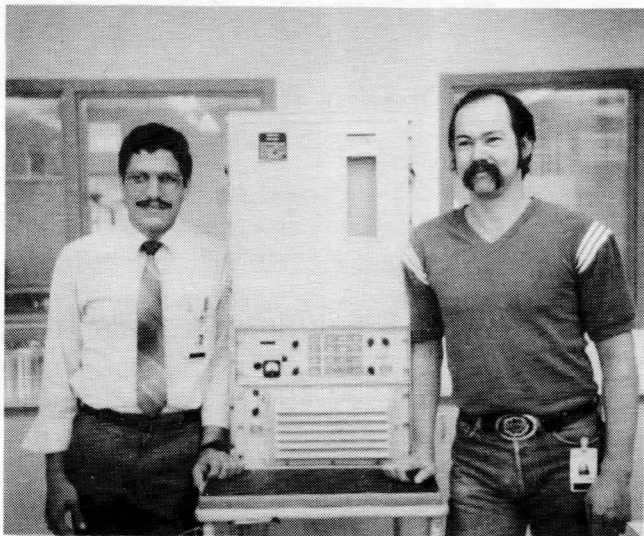
*Phil Luquette, new Facilitator for our Team Involvement Circles.*

Phil Luquette, new Facilitator for our Team Involvement Circles, has five years of "grass roots" experience in our Quality Circle/Employee Involvement program, and has participated in extensive training and management educational programs through the Air Force Reserve.

Born in Abbeville, Louisiana, Phil still has a taste for good Cajun cooking. He received his electronics training in New Orleans, and worked for two years at a New Orleans TV Station where he did camera work, lighting and film editing. He saw active service in the Air Force, 1969-1972, in microwave communications and was in Korea for 13 months.

After the Air Force, he earned his Associate Degree in Electronics at Manatee Junior College, and continued taking some in-house courses here.

(Cont'd on Page 2)



*Luis Sandoval (left) and Walter Holmes with AN/USH-32(V) Signal Recorder/Reproducer System.*

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

## PHIL LUQUETTE APPOINTED FACILITATOR FOR CIRCLES

(Cont'd from Page 1)

Phil is also a veteran of 10 years in the Air Force Reserve, and hopes to continue. He has won two commendations for his efforts in developing training programs. He spends one weekend a month on Reserve duty in Charleston, S.C., and has had three two-week Reserve tours in Germany and one in Spain.

Currently a Master Sergeant, Phil has completed two levels of Air University management courses and is now into the third (top) level.

Phil joined our Division in 1973 and progressed from Test Technician to Group Leader in our Telemetry Test Department. In our Employee Involvement program, he has been a member of the SPCA (Standard Products Circle in Action) for four years and for over a year has been Leader of the Level Two Crew which is made up of Group Leaders and representatives of our Operations areas.

Phil and Marion Luquette have a daughter Elizabeth (13), and son Graham (10). At their Palmetto home the Luquettes have two horses, three dogs (miniature Shelties), two cats, and a cockatiel. Phil enjoys woodworking and has built his daughter's water bed, son's bunk beds, added a porch and deck to their home, and remodeled the bath rooms. The Luquettes are active in their church and have served as counselors at their church's youth camp.

"I'm looking forward to learning more about each Circle and in what direction they are moving," Phil said. "Our Team Involvement Circles are entering a new phase of excellence awareness. The competitive state in which we find ourselves demands that we make a commitment to excellence, with our Teams leading the way."

## CONGRATULATIONS!

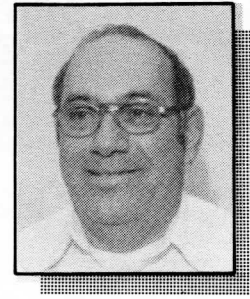
VICTOR POWELL (Systems Assembly) and his wife Judy welcomed their new son on September 4. He weighed in at 9 lb. 1 oz., and is named Clayton Scott.

JIM MASSING (Telemetry Software) and his wife Alice are the happy parents of a baby girl, Hannah Leigh, born on September 15. She weighed 7 lb. 3 oz. at birth.

DEWAYNE YATES (Signal Processing) married Cathy Small on August 21 in a church wedding in Bradenton.

TERESA FANNIN (Computational Services Group) and her husband Larry are the proud parents of a daughter, Jacqueline Annette, who was born on August 30, Teresa's birthday. The baby weighed 7 lb. 10 oz. at her arrival.

## VICTOR L. BOUCHER



Victor L. Boucher, a long-time employee, died on September 16 of a massive heart attack. He joined our company on November 12, 1962, and was a dedicated, respected and conscientious Systems Technician. Most recently he served in Signal Processing Systems as a Senior Systems Technician.

Vic's colleagues and supervisors knew him as a direct, outspoken "people" person who considered himself very much a part of the company. He spoke up honestly when he saw an opportunity to improve everyone's lot, and always sought to find a better way to do the job. Vic liked to keep busy and looked for challenging and productive ways to apply his skills.

He was born in Rhode Island, served in the U.S. Navy, and received his electronics schooling at Mary Karl Vocational School in Daytona Beach, Florida. His wife Barbara is employed in Manufacturing Engineering.

Barbara and Vic are the parents of three daughters and two sons -- Susan Combs, Kim Griffith and Sandra Rickerson, Victor, Jr., and David. They have five grandchildren. Vic also leaves his father, a brother and two sisters.

Vic will be greatly missed by his many friends and colleagues. Our heartfelt sympathy go out to Barbara and the Boucher family.

## EMPLOYEES WIN PRIZES IN UNITED WAY DRAWING

Winners in our United Way Campaign prize drawings were:

CHRIS LAWSON – Gulliver's Travel gift certificate

KAREN PETERSON, SUE SUTHERLAND – Gift albums to select your own gift.

KAREN LEWIS, STEVE TROYAN – YMCA Fitness memberships

PATTY WOOLUMS – VCR

As the FWSI United Way campaign draws to a close, special thanks to the volunteers and contributors whose efforts have personified the United Way slogan -- "IT BRINGS OUT THE BEST IN ALL OF US."

# NEW MODEL 8470 TUNABLE DISCRIMINATOR BEGINS SHIPPING

Several units of the Model 8470 Tunable Digital Multiplex Discriminator — by far the most complex standard product design completed by Data Systems Division to date — were shipped out of Production during September.

The concept for this versatile new unit was originally conceived in 1978 by Joe Lehmann, Dick Vorce and Martin Belkin, but development was not pursued because the hardware technology wasn't available.

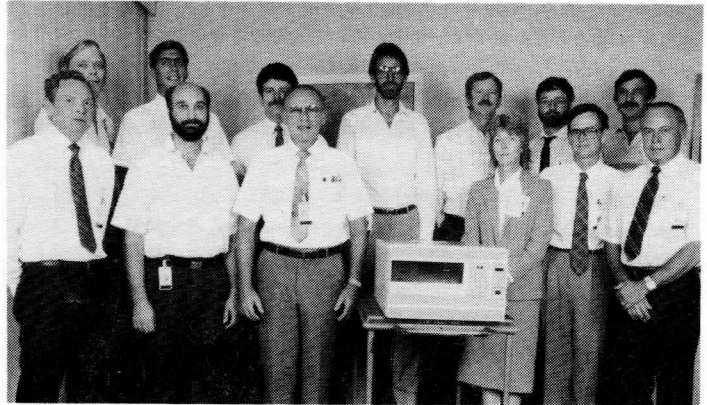
Design was continued in 1985, with Gene Schroeder (Hardware Project Engineer), Guy Ellis and Robert Williams on the hardware design team, and with Sue Sutherland (Software Project Engineer) and Jon Mather on the Software design team.

The first Production unit was shipped to Patrick AFB in September and our current backlog of orders for the Model 8470 is 36 units.

"Successful completion of the 8470 project was accomplished by dedication, team work, and hard work over an extended time frame," said Jerry Belveal, Program Manager. "Congratulations on a job well done to all the employees who contributed."

Technically, the new Model 8470 offers improved specifications in several critical performance areas and at the same time eliminates some of the hardware normally required in configuring an FDM data reduction system. It combines both improved performance plus a cost effective method of system implementation in a single package.

Unlike existing tunable or fixed frequency subcarrier discriminators, the Model 8470 includes the operational



*Some of our Model 8470 Design Team — Front row: Jerry Belveal, Jim Hornberger, Gene Schroeder, Sue Sutherland, John Wood, Robert Williams; Back row: Mark Fogelson, Mike Havrilla, Phil Schram, Jon Mather, Guy Ellis, Mike Andreotta, Chip Voss.*

capabilities of all of the following hardware:

- A group of up to 24 fixed frequency or tunable subcarrier discriminators, with nine standard IRIG multiplexes configured.
- A reference frequency discriminator and multiplex delay line for each defined multiplex.
- A high-speed analog multiplexer/analog-to-digital converter with 14 bit resolution.
- An automatic normalization system.
- A spectrum display of relative input channel amplitude versus frequency in a bar graph format.

No, it doesn't do windows!

## FWSI MEN'S SOFTBALL TEAMS FINISH SUCCESSFUL SEASON

Two FWSI men's softball teams have completed a very successful season in the Sarasota County Softball League, and are looking ahead to next season's play which begins in mid-October.

Our Blue League team, with Tom Greinke as Coach and Manager, took first place in the league. Their final tally was 13 wins, 3 losses, and they are participating in the tournament as PULSE goes to press. The White League team completed the season in fourth place, with a record of 7 wins and 9 losses.

## ZARNOSKI WINS GOLF TOURNEY

Hank Zarnoski captured the Fairchild Weston Open Golf Tournament at the Meadows on September 12 with a low net of 73. Some 68 players enjoyed the fun.

Winners in regular FWSI Golf League play were Billy and Kevin Fincher, with Bob Moore and Howard Graham as runners up.



*Part of our Model 8470 Manufacturing Team — Front row: Pat Wetjen, Joe Eaton, J.J. Jeannette, Ann Stinton, Tracey Hardy, Dave Walker and Harry Wendt; Second Row: Nancy Lemacks, Carmen Ireson, Mary Pless, Opal Black, Evelyn Christian, George Norton, Ray Thomas; Back row: Bill England, Frank Black, Gary Mahaffey, Gary Phillips, Cora Di Virgilio, Rick Farina.*



# FAIRCHILD RECORDERS PROVIDE ACCIDENT DATA FOR

Recently, in one of the nation's most serious air accidents with tragic loss of life, Fairchild's Cockpit Voice Recorder and Digital Flight Recorder were on board the aircraft. These "black boxes" help safety investigators to unravel the mysteries of aircraft accidents.

The crash of Northwest Airlines flight 255 (McDonnell Douglas 80) in Detroit occurred on Sunday, August 16, at about 10 p.m. On Monday, Bill Hardman (Recorders Marketing) happened to be in Washington, D.C., calling on customers, and stopped by the National Transportation Safety Board (NTSB) to say hello. He soon learned that our Aviation Recorders were on the ill-fated plane, and that the A100A CVR and F800 DFR recording was "good to excellent."

However, the NTSB did not have time to start extracting the DFR data until the next day. On Tuesday, the NTSB assembled its DFR investigating team, and requested FWSI to be part of this team, due to the Fairchild Digital Flight Recorder. Six members of the team were en route to Sarasota by Tuesday afternoon, and were scheduled to meet with our Engineering experts on Wednesday morning.

With little advance notice, our Recorders Engineering team started preparing for Wednesday morning's first get-together with the NTSB team, scheduled for 7:30 a.m. Preparations included reservations for the NTSB team members, security clearances for the visit to our facility, getting ready for the numerous inquiries from the media, and most important, the technical preparations for reading and extracting the data from the Digital Flight Recorder tape.

Ron McDeed, Hans Napfel, Charlie Grouse, Carl Palkovich, Dave Schmidtman, Mike Russell, Dave Harmas and Scott Faso helped gather the needed information so that the Engineering Team could prepare for the technical task ahead. In Engineering Lab 2 the ground station was prepared. The Engineering Team needed to put the algorithms together for each flight parameter (heading, altitude, air speed, pitch, roll, flaps, etc.) before anything else could be started. Testing them to a flight tape was next.

The Engineering Team found they had just the right flight tape—a Republic MD-80 tape was on file, used on the day we certified our FWSI Digital Flight Recorder to fly on this type of aircraft. The flight parameter list was verified and by 7:30 p.m., the Engineering Team was ready for the next morning's very serious work.

By 7:15 Wednesday morning, the visitors started arriving. The investigating team included:

- Dennis Grossi, Recorder Specialist, National Transportation Safety Board
- Frank Rock, Flight Recorder Specialist, Federal Aviation Administration



*Pictured with the Fairchild Digital Flight Recorder recovered from the recent tragic aircraft accident: Ron McDeed (FWSI Equipment Recorders), Al Weaver (Pratt & Whitney), Dennis Grossi (NTSB), Timothy Logan (Air Line Pilots Association International), Dave Harmas (FWSI Equipment Recorders), Ralph Brumby (Douglas Aircraft Co.), Frank Rock (FAA), Robert Weigle (Northwest Airlines).*

- Al Weaver, Senior Project Engineer, Airworthiness Engineering Division, United Technologies, Pratt & Whitney
- Timothy Logan, Senior Staff Engineer, Accident Investigation Dept., Air Line Pilots Association. International
- Ralph Brumby, Manager MD-80/DC9 Aircraft Configuration & Performance, Douglas Aircraft Company
- Robert Weigle, Manager of Avionics, Northwest Airlines

Each member of the investigating team reports to his hub—Douglas, Pratt & Whitney, Northwest and ALPA. However, all information must be kept confidential. Only the NTSB is permitted to make statements to the media, so that incorrect information does not mislead the investigators at the crash site.

Wednesday morning's work in Engineering Lab 2 included setting up the original tape on a tape reproducer and aligning it for the best signal reproduction. Printouts of flight data were needed so that values could be hand plotted on graph paper for comparison. This helps put a picture together to compare how well the engines and the aircraft were responding before the accident. This is a key item in the investigation and the final report, and also for flight simulators for pilot training.

As the information materialized, groups of the investigators would gather, discuss their thoughts over the data, and phone their hubs to inform their people of the findings—but always on a strictly confidential basis. The procedure was professional, and everyone worked together very well, Ron McDeed said.

"All of us who work on this product here at FWSI contributed to the effectiveness of this investigation. We

## DR INVESTIGATORS

will all benefit from the information retrieved from the Digital Flight Recorder and the Cockpit Voice Recorder for the future — both in-house and when we and our loved ones are traveling. The information resulting from this accident will be studied and reviewed to make air travel safer," Ron said.

The DFR on Northwest MD-80's is a two-box type of recorder. The second box receives the data from the aircraft transducer (altimeter, compass, gyro, etc.) and passes these parameters on to the flight recorder so that all it does is record the information. This particular DFR was the second unit built here at FWSI (Serial Number 102). It was one of the first ten units built in Engineering for Republic Airlines (now Northwest) back in March of 1982.

Any results of the investigation must come from the National Transportation Safety Board. These investigations are extensive and thorough, and final results of the investigation are frequently not completed or announced for many months.

However, our Recorders Engineering Team was pleased with the performance and the data derived from both our Cockpit Voice Recorder and Digital Flight Recorder which were on this particular flight.

Over 2500 Fairchild DFR's have been sold all over the world, and over 14,000 CVR's.

It should be noted that the employees who participated in this DFR investigation are but a small representation of the many employees who help to design, manufacture, market and maintain our Aviation Recorders. To all who contribute to our Aviation Recorders product line, thank you and congratulations!

## IT'S TIME TO CONSIDER CHANGING YOUR SAVINGS PLAN CONTRIBUTION

If you are thinking about increasing or decreasing your employee contribution to the Data Systems Savings Plan — also known as our 401(k) Plan — now's the time to firm up your ideas.

The time to increase or decrease your contributions — or to start contributing to the Savings Plan — is during the month of November. Employees who have been with our company for more than one year are automatically eligible to participate in the Savings Plan. Even if you have not contributed, you are a participant in the Plan, eligible to receive the Company's contribution, after one year of service.

Between November 1 and November 30 you may elect to increase or decrease your contribution. Your changes will be effective January, 1988.

Call our Benefits Office — Alma Sanger, Ext. 5526 — for further information.

## CREDIT UNION DECLARES THIRD QUARTER DIVIDEND

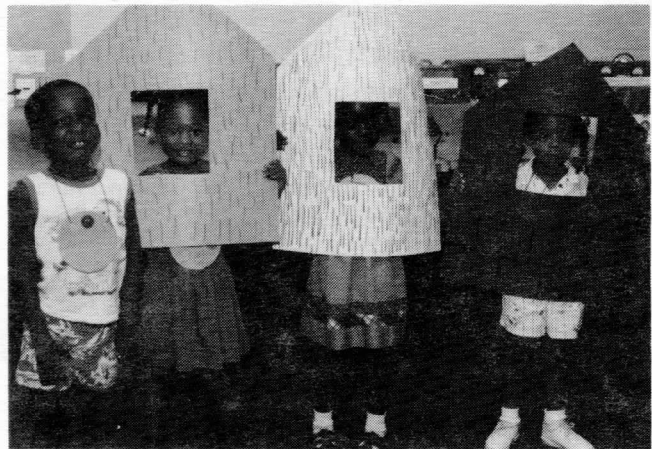
Third quarter dividend rates were set by the Fairchild Sarasota Credit Union's Board of Directors at their September meeting. The rates are: 6% A.P.R. for regular shares, and 3% A.P.R. for Christmas Club accounts.

The total amount of dividends paid to Credit Union members through September 30, 1987 amount to \$29,883.

Treasurer Ed Annaratone reported excellent growth. The Credit Union recently reached \$1,000,000 in assets. Members of the Board of Directors expressed their appreciation for the members' cooperation and participation which is so vital to the Credit Union's future success.

## UNITED WAY CAMPAIGN FEATURES YOUNGSTERS

Youngsters from the Sarasota Day Nursery, A United Way Agency, visited the Data Systems Division facility and performed for a lunchtime crowd in our Cafeteria. The three-year-olds gave a highly individualistic dramatization of "The Three Little Pigs" and the School's Director described the Nursery's program of activities. The youngsters ate a hearty lunch, enjoyed the fish in the fish pond, and generally charmed all the employees they met.



*The three little pigs waited for the big bad wolf to huff and puff.*

## CALENDAR OF EVENTS

*FWSI employees are members of numerous professional groups, many of which are open to guests and interested employees. Send your information about your professional group meetings to PULSE for the monthly Calendar of Events. Deadline is the 16th of each month.*

APICS Florida Gulf Coast Chapter meets October 21 at Holiday Inn, Airport. Speaker: Rick Bishop, Arthur Andersen & Co., "JIT Concepts." For information call Val Fordham, Ext. 5588.

ASQC (American Society of Quality Control) next meeting is October 12 at Spoto's Restaurant, Seminole. Program will consist of exchange of information at the annual Quality Management night. Call Bill Mandakis, Ext. 6754, for details.



## MOBILE TELEMETRY STATION READY TO SHIP TO BRAZIL

The van which has been parked near Receiving Inspection for the past five months now contains a brand new Mobile Telemetry Station which is being shipped to Brazil during September. Value of this contract is over \$425,000.

Contained in the van are: RF Subsystem, FM Subsystem, Display Subsystem, Model 15 Analog Tape Recording Subsystem, Telemetry Front End (EXPRT X-Box), and Display Station (Model 8385-M4). These subsystems provide a totally integrated telemetry system which can process and record PCM, PAM and FM data. The system will be used for aircraft testing in various locations throughout Brazil.

The 26-foot van was manufactured in Brazil and supplied by the customer. It has a Mercedes Benz chassis and a Volkswagen body. The van will be transported by flat-bed trailer from Sarasota to Tampa and driven aboard a Brazilian Air Force C-130 especially flown here for the trip to Brazil. When in service, the van will be flown via C-130 or driven to various locations in Brazil.

Cargo space of the C-130 aircraft restricted the van height and size. Equipment placement and personnel space had to be well utilized, which made equipment installation a tight fit.

Project Engineer Len Zeiler gives special thanks to the team members who worked on this job, among them: Manufacturing: Pat Horton, B.J. Matthews; Linda Sittler; Manuals: George Emigh, Scott Havens; Planning: Donna Watkins; Training: Vince Supple, Beth Putnam, Roy Gibson, Francis Wozniak; Software: Paul Weller; System: Don Worthington, Bill Cox, Gene Harbert.

Customer personnel recently completed five weeks of



*Brazilian visitors and System team members are pictured with van: standing, Jorge Tadano, Beth Putnam, Capt. Gaudio Vinicius Lopes Besch, Harry Durrett, Project Engineer Len Zeiler, Sgt. Manoel Machado Barbosa, B.J. Matthews, Linda Sittler, Major Jose Cledi Lima Figueiredo, Liliansa Naoko Morishita Penha, Sgt. Milton de Faria, Nelson Paiva de Oliveira Leite; kneeling, Paul Weller and Pat Horton.*

intensive training here at FWSI, and two weeks of extensive testing on the system. Harry Durrett, of Export, and Rosemary Williams, of Contracts, were also active in this contract.

"If you want to look inside the van, feel free, and watch your head, but please don't use the refrigerator to store your beer for the Company Picnic," Len Zeiler suggested.

## EMPLOYEES MARK MAJOR SERVICE ANNIVERSARIES

Among the Data Systems Division employees celebrating major service milestones this month are five of our colleagues who completed a quarter of a century of service. A special "Happy Anniversary" to Ron Basham, Nancy Du

Plantier, Tom Fultz, Bonnie Lou Iler, and Ann Stinton!

Seven other employees are observing five or ten years of service during September, and they are also pictured here.



*Special congratulations to this quintet of employees who are marking 25 years of service with our company during September. Celebrating a quarter of a century of service are: Tom Fultz, Bonnie Lou Iler, Ann Stinton, Nancy Du Plantier, and Ron Basham.*



*Anniversary greetings to: in foreground, Zoraida Muriedas (10 years); Terry Vinson (10 yrs.), Beth Putnam (5 yrs.); back row, Greg Sutton (10 yrs.), Bob King (5 yrs.), Walt Knopik (10 yrs.). Missing from this photo is Billy Fincher who marked his tenth service anniversary during September.*

## FWSI DATA LINK SYSTEM DELIVERED TO TELEDYNE

The first shipment of the FWSI Low Cost Data Link system took place on September 4 to Teledyne Ryan Aeronautical Systems, San Diego, California. The Data Link equipment will be utilized in Teledyne's Unmanned Air Vehicle program.

"This system is the first truly low-cost Remotely Piloted Vehicle Command and Control system in the country, and results from four years of development effort," said Richard Painter, Manager of our Data Link Strategic Business Unit.

Other RPV Data Link business currently in-house includes our contract with Boeing Military Airplane Company, Wichita, Kansas, for Data Link equipment for Boeing's Remotely Piloted Vehicle program. Delivery of the Boeing system is expected in November.

In addition, a new study contract was recently awarded to FWSI for a joint study project involving the Fairchild Imaging Systems Division, of Syosset, N.Y., and the Sarasota Data Link Group, Richard Painter said. This new Data Link study is being conducted for the Navy Air Development Center, Warminster, Pa.

"There are several additional promising opportunities for follow-on Data Link business," Painter noted.

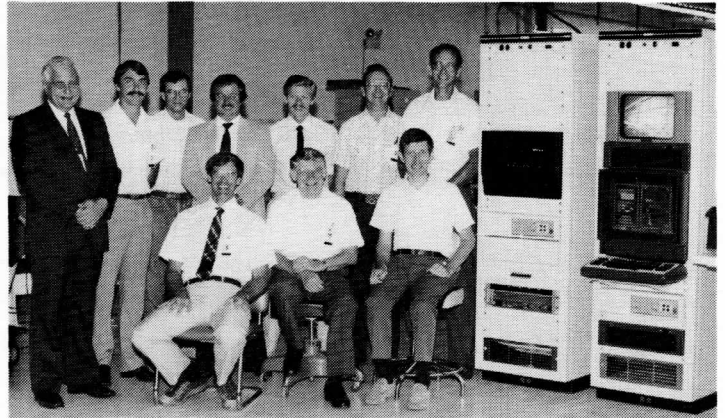
## CHRIS LAWSON WINS BABY PHOTO CONTEST



*Chris Lawson received her prize from members of the Baby Photo Contest committee: Carol Waters, Dot Berner, Ron Basham, Chris Lawson, Cindy Mathews, Elaine Ellis.*

Chris Lawson captured the prize for the most correct answers in our big Baby Photo Contest. Out of 33 pictures, Chris correctly matched 16 baby photos to the proper current employee pictures — by far the best record of all the entries. Her prize was a \$50 U.S. Savings Bond and a gift certificate for the Magic Moment restaurant.

Members of the Internal Committee of our Thirty Years in Sarasota celebration who coordinated this contest are: Ron Basham, Dot Berner, Elaine Ellis, Freddie Masse, Cindy Mathews and Carol Waters.



*Some of the members of our Data Link Team are pictured here with the first Teledyne Ryan Data Link System, just prior to shipment: standing, Richard Painter, Mart Dismukes, Art Tackman, Larry Creel, Pavlo Bobrek, John Belt, Milt Litwiller; seated, Dave Johnson, George Emigh, Nick Ostrye. Missing from this photo are Project Engineer John Keal, and Program Manager Jerry Belveal.*

"I'd like to congratulate all the employees who have done such excellent work and contributed to the successful completion of this Teledyne Ryan Data Link contract," he said. "Although many employees have participated in the Data Link program, special mention should be made of the Data Link development team."

The Data Link development team included Technical Director Bill Waggener, Project Engineer John Keal, John Belt, Pavlo Bobrek, Larry Creel, Mart Dismukes, Chris Freeberg, Mike Hackathorn, Dave Johnson, Bob Kellett, Milt Litwiller, Nick Ostrye, Pervis Sanders, Luis Sandoval, Art Tackman, Paul Taylor and Program Manager Jerry Belveal.

A patent application has been filed by Inventors John Keal and Bill Waggener, Sr., for their development, "Secure Communication System for Multiple Remote Units." This invention pertains to the development of the Data Link technical concept.

The Data Link system is designed to control and provide reconnaissance data for seven RPV's simultaneously. The equipment consists of a two-bay ground station and two airborne data links.

The ground station controls each RPV's mission flight plan and monitors the downlink flight and camera parameter on a graphic display and a TV monitor.

The airborne data link (ABLE) consists of an RF hopping radio and a signal processing digital section for transmitting and receiving command, status and video data once per second for each ABLE.

## 1988 CAR LOANS AVAILABLE

Buying a new car? The Credit Union is offering loans on new 1988 vehicles at 9% A.P.R. for 48 months, and 10% A.P.R. for 60 months.

## FINAL TRIVIA QUIZ WINNER

Baba Marrero, of Quality Assurance, was the winner of our final Trivia Korner quiz, which appeared in the August, 1987, issue of PULSE. Baba won a \$50 U.S. Savings Bond as the last winner in the Trivia contest which was part of our celebration of "Thirty Years of Progress in Sarasota."



*Trivia quiz winner Baba Marrero (center) accepted her \$50 U.S. Savings Bond from Carol Waters (left) and Ron Basham, members of our 30 Years in Sarasota Committee.*

Other winners have been Lillian Eger, Charlie Hall, Etta Williams, Jean Mazza, and currently Baba Marrero. Two lucky -- and smart -- employees won twice: Lillian Eger and Charlie Hall.

Our 30 Years in Sarasota celebration continues with other activities, but farewell for now to Trivia Korner!

## ANSWERS TO OUR FINAL TRIVIA KORNER CONTEST

So you thought you were going to be the winner of our final Trivia Quiz? The lucky winner is BABA MARRERO. Here are the questions and answers just for your information:

1. What year did the flight recorders move to Sarasota?  
Two answers are correct -- 1981 and 1982.
2. What town in Florida is named for the Seminole word for "old town"? A: TALLAHASSEE
3. What was the former name of Bird Key? A: OTTER KEY.
4. What piece of office equipment was introduced in 1957? A. PORTABLE ELECTRIC TYPEWRITER.
5. What famous play opened on Broadway in 1957?  
A. WEST SIDE STORY.

**SATURDAY, OCTOBER 17, 1987**  
**THE BIG FWSI DATA SYSTEMS**  
**FAMILY PICNIC**  
**Elks Park, Sarasota**

## '50s - '60s DANCE PLANNED FOR SATURDAY, NOVEMBER 14

Mark your calendar now! The Fairchild Weston '50s - '60s Dance is planned for Saturday, November 14 -- one of the highlights of the Data Systems Division's celebration of Thirty Years in Sarasota.

The External Activities Committee has been working hard in preparation for this big event, and details will be announced soon. Members of the External Activities Committee are: Evelyn Christian, John Elliott, Rick Englund, Rick Greenawalt, Linda Lotz, Don Parker, Jeanne Ruth, and Naomi Sundstrom.

### REMEMBER WHEN ...

*Celebrating 30 Years of Progress in Sarasota*

#### SEPTEMBER EVENTS OF THE PAST

- 1966 EMR supplied liquid nitrogen for successful treatment of Parkinson's Disease at Sarasota Memorial Hospital. EMR normally uses this chemical to simulate temperature conditions of outer space for environmental testing of space products.
- 1968 383 EMR-Telemetry employees received flu shots at work on the first day of a program aimed at helping employees avoid the predicted flu epidemic.\*
- 1975 Aerojet General awarded EMR-Telemetry a contract for a Test & Trials Instrumentation System (TTIS) for a new Navy Surface Effects Ship. This amphibious craft is designed to ride on a cushion of air at very high speed and the TTIS must withstand severe vibration, shock, and acoustic environments in addition to salt spray in 100-knot winds.
- 1979 Sangamo Weston's Industrial Systems group will provide Low Level Wind Shear Monitoring Systems to the FAA for installation at 34 major airports, according to Bill Hardman, Industrial Products Marketing Manager.
- 1981 Sangamo Weston prepares to welcome a new product line and colleagues from Fairchild Industrial Products, Commack, N.Y. The Aviation Recorder products include Cockpit Voice Recorders and Digital Flight Recorders.
- 1982 The new SABRE 9 Recorder/Reproducer will be presented at the ITC show in San Diego this month.

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