

AUGUST, 1987

VOL. IX NO. 8

AVIATION RECORDERS ORDERS SET A NEW RECORD IN JULY

Equipment Recorders – – our Aviation Recorders group – – had a record month for orders during July. The \$1.8 million in orders is the highest orders month since the Fairchild Aviation Recorders product line moved to Sarasota from Commack, N.Y., in 1981.

Included in the July bookings were over 40 Digital Flight Recorders and more than 100 Cockpit Voice Recorders. Of special significance is a major order from Lufthansa for CVRs. This retrofit order indicates that Lufthansa now plans to utilize Fairchild CVRs to replace a competitor's Cockpit Voice Recorders which the German airline has been using – – a big plus for our Equipment Recorders business.

Fairchild Aviation Recorders are relied upon by airlines and air safety experts throughout the world to provide the necessary data whenever air accidents are investigated. The Fairchild "black boxes" have an outstanding record for reliability and have assisted in unraveling the mysteries of the causes of aircraft accidents around the globe.

LATE BULLETIN

AVIATION RECORDERS SURVIVED CRASH & FUNCTIONED VERY WELL

Both the Cockpit VoiceRecorder and Digital Flight Recorder on board Northwest Airlines Flight 255 which crashed in Detroit on August 16 were Fairchild Aviation Recorders. Our Engineering experts provided assistance in extracting the information from the DFR tape on August 19 in Sarasota.

While we do not become involved with analysis or interpretation of the data, all indications are that the data was recovered successfully, and that our "black boxes" operated well, according to our Recorders Engineering personnel.

The National Transportation Safety Board is continuing its investigation into the crash.

CHARLIE HALL WINS TWICE

July's Trivia Korner contest winner is Charlie Hall – for the second time! Charlie also took first place in the May trivia quiz and shares the distinction of being a two-time winner with Lillian Eger. Lillian captured the \$50 U.S. Savings Bond prize in both the February and March contests.



Trivia quiz winner Charlie Hall (right) accepts his \$50 U.S. Savings Bond from Freddie Masse.

Charlie's winning entry correctly answered four of the five questions. For the answers to the July quiz, please check the Trivia Korner sheet enclosed with this issue of PULSE.

Be sure to enter this month's Trivia Korner quiz. THIS IS THE LAST ONE IN OUR TRIVIA KORNER CONTEST! A special salute to the members of the Internal Committee of our 30 Years in Sarasota celebration for their hard work in originating the Trivia contest for employees – – Ron Basham, Dot Berner, Elaine Ellis, Freddie Masse and Carol Waters.

THANKS TO YOU CREDIT UNION REACHES MILLION DOLLAR MARK!

Members of the Fairchild Sarasota Credit Union now belong to a Million Dollar organization!

The Credit Union's assets have reached over \$1,011,000, and growing. The Board of Directors extends congratulations to the 700 members whose patronage has enabled the Credit Union to prosper since it was established January 4, 1967.

SOFTBALL PLAYERS ENJOY FUN; BENEFIT GOOD CAUSE

A group of Data Systems employees formed a softball team to participate in the Easter Seals/Happiness House benefit on August 9 at Fruitville Park. Bruce Biggs and Jim Azukas were elected Coaches, and our team scored a 32 to 6 win over the opposing team which was sponsored by Jacobson's.

The fun-loving group included Jim Azukas, Randy Beeman, Bruce Biggs, Ed Christian, Evelyn Christian, Regina Devine, Cora DiVirgilio, John Elliott, Kelly Jester, Rob McLendon, Marci Mewes, Al Millings, Jr., Leigh Paul, Andrea Perryman, Becky Walser. Scorekeepers were Tonya Austill and Missy Bell. Proceeds of the Softball Extravaganza went to benefit Easter Seals/Happiness House which is devoted to training and rehabilitation of handicapped individuals, and assisting the disabled to achieve more independence in their lifestyle.

Data Systems Division has contracted with Easter Seals/ Happiness House Rehabilitation Center clients to do contract work in small component packaging and outside grounds cleanup. The softball game was another demonstration of FWSI and employee support of the local rehabilitation center's work.



Participants in the Happiness House Softball Extravaganza: FRONT ROW: Becky Walser, Bruce Biggs, Cora DiVirgilio, Evelyn Christian, Regina Devine, John Elliott, CENTER:

NEW OPERATING SYSTEM

Management Information Systems (MIS) is currently modifying all IBM computer business applications to run under a new operating system called MVS/XA. (MVS/XA stands for Multiple Virtual Storage/Extended Architecture.)

The new operating sytem will replace DOS/VSE and is scheduled to go on-line after the September closing cycle. (DOS/VSE stands for Disk Operating System/Virtual Storage Extended.) Kelly Jester, Marci Mewes, Leigh Paul. BACK ROW: Rob McLendon, Al Millings, Jr., Andrea Perryman, Jim Azukas, Randy Beeman, Ed Christian.

WILL "RETIRE" AMAPS

under the new operating system, the AMAPS software is being totally rewritten.

Computer terminal response time may be slower during the next four weeks while all systems are being tested under MVS/XA. Please bear with MIS during this transition period.

A memo will be distributed in mid–September detailing the actual conversion.

Although most software is being converted to run "as is"

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TIC IS THE NAME... EMPLOYEE INVOLVEMENT PROGRAM GETS NEW NAME

TEAM INVOLVEMENT CIRCLES (TIC) is the new name for Data Systems Division's Employee Involvement Program. The Circles/Employee Involvement program has evolved over the past five years from the introduction of Quality Circles to our present Employee Involvement Teams. The program now includes 21 Teams and over 200 employees.

"TEAM INVOLVEMENT CIRCLES offer an opportunity for employees and management to work together to achieve improvements in the way things are done, thereby benefiting all employees," said Freddie Masse, TIC Facilitator. "Our Team Involvement Circles have made good progress in many areas – especially in gaining cooperation among various groups. Team members have achieved workable solutions to problems which might otherwise have become long–lasting or more serious."

WHY A NAME CHANGE?

The Advisory Committee which oversees the Division's Employee Involvement program felt that a name change was in order. The Quality Circles label was a popular phrase at the program's inception, but more recently has failed to reflect the actual role of Employee Involvement at Data Systems.

"A number of proposed names were reviewed," said Personnel Director Rick Greenawalt. "The Advisory Committee kept returning to the concept of employee involvement in a team or group setting. The Circles label retains the connection with the five years of progress under the Quality Circles name and continues to describe the round table meeting format."

Advisory Committee members are: Carl Aquilino, Dave Clouse, Dick Dobbyn, Rick Greenawalt, Maurice Gritzman, Freddie Masse, Ray McPartlin, Dexter Nash, Carl Schleicher, Bob Wallace.

Our individual TEAM INVOLVEMENT CIRCLES will be featured in posters which will be on display in the plant.

RICK GREENAWALT HEADS MAJOR FIRMS DIVISION OF UNITED WAY CAMPAIGN

Personnel Director Rick Greenawalt is serving as Chairman of the Major Firms Division in the 1987–1988 United Way Campaign for Sarasota County. In this position he has the responsibility to work with major employers in the area with the goal of raising over 10% of the annual United Way monies - close to \$200,000.

In addition to Fairchild Weston, other major firms in this area include Florida Power & Light, GTE, Dana Corp., Electro Corp., Rexham, United Parcel Service, and approximately 10 other companies.

FAA SELECTS FWSI TO PROVIDE AIRPORT WIND SHEAR SYSTEMS

Data Systems Division has been selected by the Federal Aviation Agency to enhance the existing Low Level Wind Alert Systems at 58 major airports in the U.S.A.

Government research centers and the FAA continue to study the cause and characteristics of wind shear and its effect on commercial aircraft. Their studies have identified needed improvements to the existing Low Level Wind Shear systems supplied by FWSI in the early 1980's.

Because of the safety importance of these modifications, the FAA has authorized the program start-up even though the final contract has not yet been signed. The effort calls for FWSI to manufacture improved sensor systems and improved software, to be assembled along with a state-ofthe-art computer system which will implement the latest "wind shear" and "micro burst" detection algorithms currently available from the National Center of Atmospheric Research (NCAR).

This contract will involve telemetry systems work, manufacturing effort for circuit boards, and many months of effort by the Field Service organization for installations at the various sites. Customer Support personnel from Albuquerque, N.M., Merritt Island, Fla., Lancaster, Ca., Wheaton, Md., Manchester, N.H., Fredericksburg, Va., Fombell, Pa., and Sarasota will be participating.

Program Manager for this major job is Jon Brown. Also heavily involved in helping to capture this business were Tim Gatton, of Applications Engineering, and Walt Knopik and Marvin Edgeworth, of Systems Engineering.

In past contracts with FAA, Data Systems Division has produced and installed 61 LLWAS systems at major airports throughout the country. The systems in Los Angeles, New Orleans and Denver are special systems and are not affected by this contract.

Recently FWSI personnel upgraded the R&D LLWAS located in Denver. The FAA LLWAS Program Manager commended Walt Knopik and Marvin Edgeworth for performance "over and above" what was expected.

-- SAVE THE DATE --

SATURDAY, OCTOBER 17, 1987

THE BIG FWSI DATA SYSTEMS FAMILY PICNIC

Elks Park, Sarasota

ENGINEERS RECEIVE AWARDS FOR NEW PATENT FILINGS

Three Data Systems Division Engineers have received cash awards in recognition of inventions they have developed and for which patent applications have been filed.

The three inventors are: Guy T. Ellis, Gene F. Schroeder, and Michael Witchey. Each received \$250 in recognition of the U.S. patent application filings. Their inventions are:

"Digital Demodulator for Frequency–Division–Multiplexed Signals," by Guy Ellis and Gene Schroeder.

"High Speed Asynchronous Data Multiplexer/Demultiplexer," by Michael Witchey.

Under the Fairchild Weston patent incentive award program, inventors are rewarded for the disclosure and filing of patent applications, and subsequently receive an additional cash award after the U.S. Patent is granted.

The patent incentive program reinforces the company's interest in technical advancement for our products and

systems. The cash awards provide personal recognition for individual inventors and encourage innovative and creative ideas to maintain our technological edge.

The Patent Incentive Policy operates as follows:

- \$250 will be paid to each individual inventor (up to a maximum of \$750 per application) for each original patent application which is filed.
- \$500 will be paid to each inventor upon the granting of a U.S. patent (up to a maximum of \$1500 per patent).

Only inventors still employed by the company at the time of filing or issuance of the U.S. Patent will be eligible for monetary awards.

Recommendations on which inventions should be filed are made by an Invention Review Committee. In Sarasota Bill Waggener, Sr., coordinates patent information for our Division.



GUY ELLIS

GENE SCHROEDER

MICHAEL WITCHEY

STEP-UP PROGRAM MEMBERS VISIT DATA SYSTEMS DIVISION

Participants in the Step-Up Program – – a community program which offers employment opportunities for minorities—visited Data Systems Division on August 11. FWSI hosted a dinner and plant visit for the group.

Dexter Nash, of Personnel, served as host for the visitors, and assisted the Program Coordinator Kathy Barfield, of Manasota Industry Council. The Step-Up Program, sponsored by Manasota Industry Council, provided a setting for bright, energetic minorities to be exposed to managementlevel positions. Of the 25 individuals interviewed for the program, 10 became participants. Participants were high school graduates, between 18 and 25 years of age. Corporations within Sarasota County offered on-the-job experience and provided mentors for each participant in the 10-week program.

"A key goal was to expose participants to management philosophies and provide a pathway for higher level employment opportunities," Dexter Nash explained. He met with the group at several of their weekly sessions when they shared experiences with each other.

At the Fairchild dinner meeting, the participants commented on the results of the program and made recommendations on how the program could be continued and improved.

Step–Up participants were: Todd Bellamy, Letha Clark, Walter Williams, Brina Hamilton, Julie Butler, Wayne Ivey, Tim Strong, Avis Louis, Michele Goff, and Carla Speight.

NEW CASHE CIRCLE

Our newest employee involvement Circle represents the Recorders Engineering area. The group has chosen the name CASHE, which stands for Computer Aided Software and Hardware Engineering.

The CASHE team expects to study Computer Aided Engineering issues and make recommendations for effective use of Computer Aided Engineering resources, focusing on connectivity, data interchange, workstations and applications. The members are looking ahead to a three-year plan to computerize those Recorders Engineering functions which can be done more productively with computers.

The group also expects to identify needs for efficient data transfer between departments to avoid pockets of automation linked by "sneakernet" -- hand carrying of magnetic media or rekeying of data.



CASHE Team Members (Recorders Engineering) are: seated, Mike Hackathorn, Beverly Kitaoka, Philip Decker; standing, Mike Russell, Tom Bray, Greg Purdom and Bob Hughen.

VACATIONS ARE FUN!

Want to share your vacation adventures with your fellow employees? Just call 5401 to let PULSE know about your holiday. Enjoy!

LARRY STEWART (Machine Repair) and his family drove to Dallas, San Antonio, and Laredo, before storing their vehicle and taking a train tour to Monterrey, Mexico. They enjoyed sightseeing and shopping for leather and silver goods. Other highlights were visiting the Alamo, the River Walk in San Antonio, Houston Space Center, and back in Florida, the Kennedy Space Center.

DOT BERNER (PWB Assembly) and RON SNAVELY (SPS) are looking forward to a Darts tour of Great Britain in October. Dot's husband Richard is Captain of the IRS (Icehouse Restaurant Supply) Darts Team, and through darts competitions in Sarasota they met some Scottish darting enthusiasts who said "Come on over." The trip to England and Scotland sounds great, and we look forward to a report on the darts games and the tour.

000PS!

TELEMETRY SALES FORCE INCLUDES EXPORT STAFF

When PULSE saluted Data Systems Division's Telemetry Sales Force for capturing a new record of over \$1.9 million in orders for standard products during June, the list of Telemetry Sales Team members should have included a major Sales component – – our Telemetry Export Sales group.

This small, but mighty, Export group consists of BUD THURMOND, HARRY DURRETT and MARTHA EATON.



Harry Durrett, Bud Thurmond and Martha Eaton make up our Telemetry Export Sales group.

Located in Sarasota, Harry, Bud and Martha coordinate sales activities for Telemetry products and systems throughout the free world, with the help of Sales Representatives around the globe. In Europe, China and South Africa, our Sister Division, Enertec, has the responsibility for Telemetry Sales, and our Export group cooperates with Enertec personnel on a regular basis.

The Export Sales group made a major contribution to our June orders record for standard products. Throughout the year, Export orders are usually a sizeable percentage of total Telemetry orders for the Division – – currently running about 20%.

So to the men and women in our Telemetry Sales Team located in Cupertino, Lancaster, Woodland Hills, Wheaton, Huntsville, Albuquerque, and Sarasota, please add our Super Export Sales group – – Bud, Martha and Harry.

VACATIONS ARE FUN! (Cont'd)

FRANK BLOECHL (Industrial Engineering) did Italy and Switzerland this month. His post card says "Bring money!"

BOB PETREY (Customer Service) and his family had the vacation of a lifetime in June, when they took a European Grand Tour - England, Germany, France and Italy. Bob was smart and videotaped the trip so that they can enjoy the highlights for years to come.

WELCOME ABOARD TO SOME OF OUR NEW COLLEAGUES!

It is a pleasure to introduce some of the new employees who have joined Data Systems Division recently. Welcome aboard!

We look forward to working with these new colleagues to achieve our Division's goals. Happy to have you with us, folks.



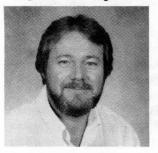
PAUL GUCK Technician Signal Processing



DELORES MARTINEZ Accounts Payable Accounting



TAMARA NASTRO Asst. Signal Analyst Signal Processing



JIM TOMS Senior Engineer Signal Processing



VALORIE JACKSON KING Sr. Sci. Programmer Signal Processing



NEAL NASTRO Technician Signal Processing



BOB TACY Sr. Sci. Programmer Signal Processing



DEBBIE WALKER Work Processing Op. Signal Processing

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REMEMBER WHEN ...

Celebrating 30 Years of Progress in Sarasota

AUGUST EVENTS OF THE PAST

- 1966 Students from Sarasota and Riverview High Schools washed windows at EMR to raise money for their band trips – – the Miss America Pageant in Atlantic City, and a European good-will tour.
- 1967 A new "checkless payroll" system started at EMR. It sends your pay check directly to your account at the bank of your choice.
- 1968 NASA Lewis Research Center ordered an EMR telemetry system which included an EMR 6130 Computer, 2700 – series products and Model 287 Discriminators. BUD THUR-MOND had project responsibility. (NOTE: Several of these products are on display in our Museum at the south end of the Cafeteria.)
- 1969 Many EMR employees shared the excitement and activity surrounding the Apollo moon landing. JOHN TALBOT (then Manager of Advertising and Sales Promotion) was interviewed over Station WSPB about EMR's role in Apollo and other space programs.
- 1970 "TELEVENT" – Telemetry Event Processing System – – was introduced. Developed by EMR–T's Software Systems Department, TEL-EVENT's 22 basic telemetry instructions could be used to set up a complete telemetry front end, data acquisition, processing of data, and formatting of data.
- 1971 RANDY MITCHELL coached the Little League Optimist team to a 31–4 record and won the Sarasota National League title. His son RICKY was on the team. (RICK MITCHELL is now in our Telemetry Software Dept.)
- 1972 Our Vehicle Test System was purchased by Arctic Enterprises of Minnesota to test snowmobiles. The EMR VTS four-channel system was used in testing for vibration, speed, torque, RPM and temperature.

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

ANNIVERSARY GREETINGS

Congratulations to this large group of employees who observed major service anniversaries this month. Three employees completed a quarter of a century with our company during August – – Alyene McCoy, Ty Rigdon, and Bill Wheeler. Happy anniversary, folks!



Celebrating a quarter of a century of service – – Bill Wheeler, Alyene McCoy, and Ty Rigdon, all completing 25 years with our company during August.



Happy anniversary to Bob Grados (10 years); Nita Pineas (5 yrs.), Camille Gutermuth (10 yrs.) and Bill Shaw (5 yrs.). Missing from this photo are Sally Sarnie (10 yrs.), Shannon Lavelle (10 yrs.) and Ken Norbrothen (5 yrs.).



Congratulations to Pat Lahmers (15 years), Rick Englund (10 yrs.) Rita Keen (10 yrs.), Juanita Rose (10 yrs.), and Pat Parrish (10 yrs.).

CONDUCT TRAINING CLASSES TO MEET MIL SPECS, QUALITY

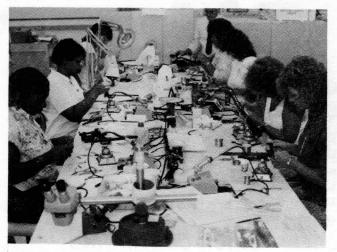
Special training classes have been conducted for a group of Assembers and Inspectors to qualify these employees to work on the AN/TLQ-17A Program and to meet the stringent military specifications (Mil-Std-1460).

The soldering classes were conducted by Dave Walker of Quality Assurance. Dave has been certified as an Instructor/ Examiner to DUD Standard 2000, Mil–Std–45743 and Weapon Std. 6536D.

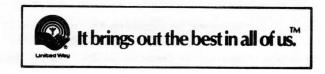
These Assemblers and Inspectors are being certified for work on the U.S. Army's AN/TLQ-17A Program for communications jamming equipment. Work has been underway here in Sarasota for some time on this high reliability program which involves producing a large quantity of Receiver Power Supplies and Transmitter Power Supplies for our sister division, Electronic Systems Division, of Syosset, N.Y. ESD has the prime contract with the U.S. Army for the AN/TLQ-17A communications jamming equipment.

The present manufacturing project is scheduled to run through 1987. In addition, prospects are very good for an add-on quantity of power supplies and test sets to be produced in Sarasota beginning during the first quarter of 1988.

Component parts are received from Syosset, and Data Systems Division is responsible for assembling and testing of the power supplies to Syosset drawings and specifications.



Dave Walker, of Quality, (standing) conducted recent soldering classes. Pictured are Barbara Davis, Louise Terrell, Sue Obenauer, Shirley Huckaby, Miriam Smith, Lori Phebus, and Judy Jennrich.



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JOIN THE PACESETTERS - -OUR UNITED WAY CAMPAIGN MOVES UP TO SEPTEMBER

By Rick Greenawalt

This September will mark a significant departure in Data Systems Division's annual Sarasota County United Way campaign.

In past years Fairchild Weston was literally the last company to hold its campaign and report results to the United Way. Since we are a major supporter of the United Way, our late involvement held back the progress of the Agency in meeting its annual goal. There was also some concern that our low community profile, combined with our late campaign, seemed to spell indifference to the community and the United Way. We know that is not the case, as our employees and the company are indeed concerned about the community and human needs.

This September Fairchild Weston has the opportunity to join the ranks of community leaders by being a United Way Pacesetter firm.

Pacesetters are those organizations who have stepped forward to take the lead in helping the United Way meet its ambitious fund-raising goal. The Pacesetter commitment brings with it a challenge to raise its year-to-year contribuions 13%.

My own view is that not only are we the largest private employer in the community, but we are the best employer in the community. That being the case, we should be leading the parade rather than following.

Over the past several years I have become familiar with some of the workings of the United Way and the agencies it supports. Each dollar contributed makes a direct impact on our community.

Sarasota is considered a wealthy town, but the concentration of wealth is in the hands of a few who are primarily retirees and who, in many instances, have no long-term ties to the community. Frequently their dollars support the arts which they have time to enjoy, but tend not to go toward supporting human needs. What I like about the United Way is that it supports people and not only buildings or institutions. If your name is Rockefeller, you can have a building built with your name on it. The United Way is one way that working people, like those of us at Fairchild Weston, can give money where it will make a difference to people.

The Pacesetter program will be conducted in September this year, with the results reported in October in the community.

Contributions and payroll deductions will be for the 1988 calendar year, and do not affect your 1987 contributions — unless one chooses to make a 1988 lump sum contribution during 1987 for tax or other reasons.



United Way

OPEN GOLF TOURNAMENT SET FOR SEPTEMBER 12

Golfers are getting ready for the Fairchild Weston Open Golf Tournament on Saturday, September 12, at the Meadows. Just let Debbie Sutor know who is in your foursome, and send in your checks for golf and dinner. Rick Mitchell is organizing the Tournament, and details are posted at bulletin boards.

CREDIT UNION CONTINUING 1987 LOAN INTEREST RATES

Interest rates on new 1988 vehicle loans will be continued at the 1987 rates, according to the Fairchild Sarasota Credit Union's Board of Directors.

Approved borrowers may be eligible for 48–month loans at 9% or 60–month loans at 10%, through the Credit Union. For details, please call the Credit Union Office, Ext. 5535.

CONGRATULATIONS!

GREG SUTTON (Telemetry Test) and his wife Tina welcomed their son Chad Gregory on July 31. His weight at birth was 8 lb. 10 oz.

DAVE LYON (Telemetry Systems) and his wife Treva welcomed their new son Lawrence Jack on August 5. He weighed in at 10 lb. 15 oz.

MONA CARTER and KEVIN LEWIS (both of Telemetry Software) were married on August 8 in a Sarasota church wedding.

MEN'S SOFTBALL TEAMS DISPLAY WINNING FORM

Two FWSI men's softball teams are turning in some winning performances in summer league play. Our White League team, coached by Mike Harris, has 5 wins and 6 losses. The Blue League team, with Tom Greinke as Coach and Manager, has a great winning record -9 wins and 1 loss.

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It brings out the best in all of us."

30th

Anniversary

TRIVIA KORNER

CONGRATULATIONS !!!!!!!!!! CHARLIE HALL is the July winner of a \$50.00 US SAVINGS BOND. CHARLIE's name was drawn from those entries with the most correct answers to last month's TRIVIA KORNER questions.

LAST MONTH'S QUESTIONS AND ANSWERS ARE:

- 1. When was breakfast first available in our cafeteria? FEB 1973
- 2. How many G.M.'s have we had since 1957? 12
- Longboat and Siesta Keys used to be covered with forests of trees. What kind of forests were they? CEDAR FORESTS
- 4. The hurricane of 1922 created what pass to the intercoastal? BIG PASS

? ? ? AUGUST ? ? ? * *

- 1. What year did the flight recorders move to Sarasota?
- What town in Florida is named for the Seminole word for "old town"?
- 3. What was the former name of Bird Key?
 - What piece of office equipment was introduced in 1957?
- 5. What famous play opened on Broadway in 1957?

REMEMBER - You can't win if you don't enter! Indicate the correct number along side the correct answer below and drop your entry into the box in the rear of the cafeteria! DEADLINE IS SEPTEMBER 14, 1987.

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ANSWERS TO CHOOSE FROM

 1982	 Typewriter	 Guys and Dolls
Adding Machine	 Myakka City	Pine Kev
 Tallahasse	 Otter Key	 Gainsville
 Pajama Game	 1984	
 1980	 Telephone Headset	 West Side Story
		 Treasure Island /