



SANGAMO WESTON
Schlumberger

SANGAMO WESTON, SARASOTA
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 SARASOTA, FLORIDA 33578

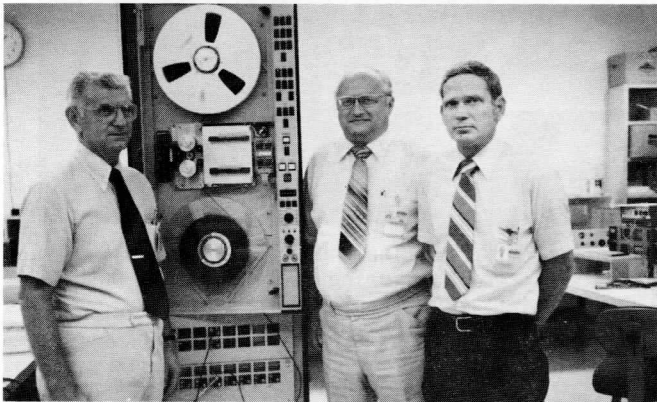
NEWS ABOUT SANGAMO WESTON, SARASOTA

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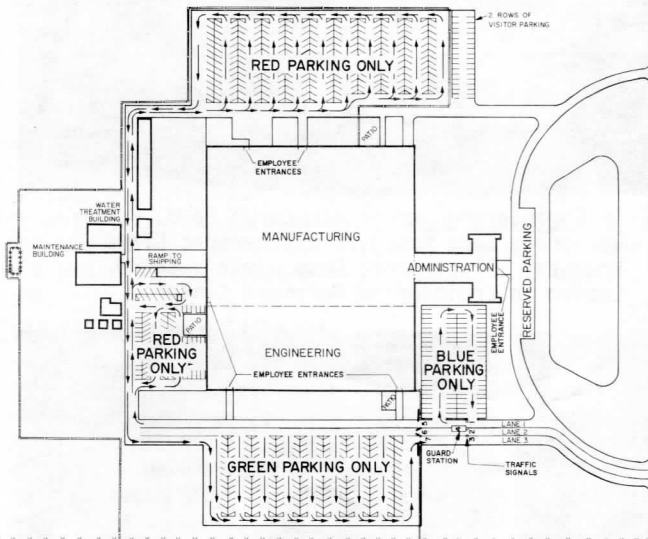
PATENT AWARDED

Ellis Speicher, Frank McGowan, and George Prozzo, all of Data Recorder Engineering, have been jointly awarded U.S. Patent #4,122,504 for their invention which deals with the tape drive system incorporated in the Sabre X data recorder. The invention covers the capstan and drum drive mechanism and vacuum column design which enables the Sabre X to perform over the widest speed range in the industry with superior specifications. Congratulations, gentlemen.



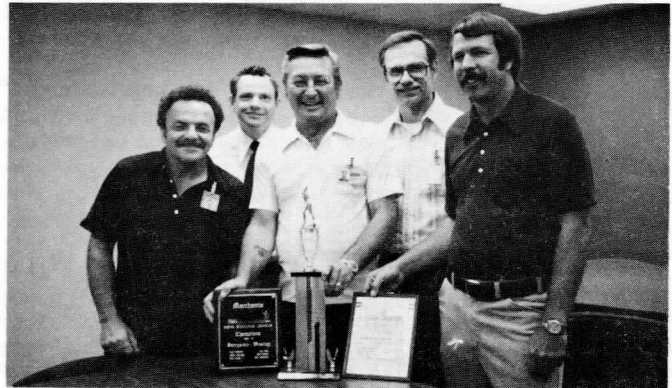
Frank McGowan, George Prozzo and Ellis Speicher with a Sabre X in Data Recorder Engineering Lab.

NEW TRAFFIC PATTERN COMING



Coming soon -- our new traffic pattern, and designated parking areas. Work will soon be completed on the new Guard Station, traffic signals, etc. Employees will enter via the south driveway. Remember the speed limit of 10 mph, and avoid a fender-bender!

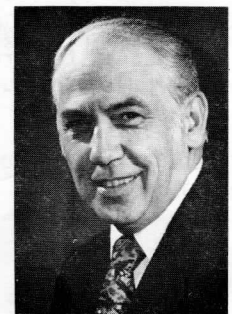
OUR BOWLING CHAMPIONS!



Champions: Joe Faso, Jerry Belveal, Team Captain Don Norris, Walt Knopik and Tom Toler.

The EMR/Sangamo Weston Men's Bowling Team captured first place in the Thursday night Merchants League at Sarasota Lanes. Joe Faso's recent 745 series caused quite a stir. (Joe's been called "Mr. Consistency" in the local sports pages.) Don Norris was named Journal Bowler of the Week in March for his 265 game, and he rolled a 735 series a few years back. In the final ranking Don finished 2nd for high average, with Joe Faso right behind him, for a successful bowling season.

HAPPY ANNIVERSARY



Congratulations to employees observing major service milestones with the company during May: Diana Denham (5 years); Lillian Eger (20 years) and Al Wollscheidt, Earl Studenwalt and Dave Loverne, all marking their fifth anniversaries.

Marcel Gill, (at right, above) Northeast Regional Sales Manager for Data Recorders, celebrated his 10th service anniversary in April.

An Equal Opportunity Employer, M/F

WOMEN ADVANCING IN MORE RESPONSIBLE JOBS AT SANGAMO WESTON

Gone are the days when the technical jobs or the supervisory or managers' positions were exclusively a male domain. Yes, ladies, you've come a long way! Sangamo Weston proudly counts many women in responsible positions, and the number is growing.



Cathy Morrison

Cathy Morrison, Senior Service Technician in our Lancaster, California office is our first female Field Service Technician. She joined us in November and has been attending technical courses in Sarasota recently, along with other technical people. She is also studying now to finish up the last course for her Associate's Degree in Electronics at Antelope Valley College.

What led to a career in electronics? "I had been working in the Telemetry/Computer Operations division for Kentron International, but it wasn't enough for me to know how to operate a given piece of equipment. I wanted to know what made it work," Cathy explained. "I spent every spare minute in the maintenance area, and eventually, after college classes and training, advanced to an Electronics Technician position."

How about careers for women? "The opportunities are there for every female. But you must take a decision -- of what you want to do, and then proceed to do it. You have to be willing to apply yourself," she said. "To me life is a challenge. I always set my goals, no matter how large or small, and then go after them. If you don't know where you're going, how are you ever going to get there?"

Born in Minnesota, Cathy is one of seven children. After work and study, she concentrates on real estate. "I'm interested in all phases of real estate. I enjoy it, and it's a challenge to me to see how wealthy I can become. I purchased my first property on an hourly salary of \$2.87."

Cathy works with our other Field Service Technicians in the Lancaster area on maintenance contracts for our telemetry/computer systems at Edwards AFB, China Lake, etc.

Here's a sampling of some of our other women employees in responsible jobs:



Supervisors in Assembly: Alyene McCoy, Pat Bowers, Betty Cobb and Margaret Dill.



Machinists: In the Machine Shop, Dodie Trimboli, shown at her precision boring machine; Helen Duthe (drill press) and Paula Poole who operates a numerically-controlled turret punch press in Metal Fabrication.



In Engineering Services: Caryl Faso, P.C. Designer; Sara Mason, Draftsperson; Linda Krueger, Illustrator; Dawn Hirter, Group Leader in Engineering Document Center.



In Accounting: Karen Castles, accountant, and Pat Carney, collections and credit administrator.



Dorothy Bennett, Master Scheduler in Production Control.



Rosemary Williams and Dorothy Watson, of Contracts Administration.

WOMEN ADVANCING (CONTINUED)



Engineering: Seated, Belinda Dowdy (a hardware electronics engineer), and software engineers Debbie Atchley, Sue Sutherland. Standing: more software engineers -- Alice Brown, Bev Kitaoka and Beth Phillips.

JOHN MOORE JOINS RETIREES AFTER 25 YEARS OF SERVICE

John Moore, Procurement Subcontract Administrator in our Materials Department, says farewell to his many friends at Sangamo Weston on May 31 to start a new career -- very active retiree.



John Moore

He joined the small, growing company known as Electro-Mechanical Research in Ridgefield, Conn., in November, 1953, as a Senior Buyer. "In those days we were in a three-story house on Main St., and had fewer than 100 employees. The Grove Street plant was just being built, and our product line was very limited compared to the product diversification and the computerized systems we now have," John said.

John and Rita Moore and their young family were among the EMR families that moved from Ridgefield to Sarasota back in 1958. The Moores plan to do some traveling, including visits to their daughter and two sons and three grandsons. "Maybe I can get in some golf and fishing, now," John said...All the best, John.

CONGRATULATIONS!

Pierre Morel, Data Recorder Engineering, married Thuy-Nhi Doquang, May 26, in Houston, Texas.

Roger Bonner, Production Control, who listens to WFLA Radio's morning disk jockey Jack Harris on his way to work, entered and won the program's "Great Daylight Saving Time Giveaway" recently. Roger estimated that Sangamo Weston has about 300 clocks, so he called Jack Harris and donated the 300 hours that would be "lost" in moving the clocks ahead for Daylight Saving Time. As the largest contributor, he won two tickets to the Rowdies-Cosmos soccer match, and Sangamo Weston won free air time as Roger explained who we are and what we do.

BENEFITS QUESTIONS AND ANSWERS

Q. What is the maternity coverage under our current benefits plan?

A. Maternity coverage is available to all employees. Hospital and doctor charges are covered the same as any other claim. That is, 100% of the first \$1,000 for hospital room, board and services, and 80% thereafter. For surgeon, surgical assistant and anesthesiologist, the coverage is 80% of reasonable and customary charges. Other doctor visits are covered under our major comprehensive benefit, at 80% with a deductible of 1% of your annual salary, up to a maximum deductible of \$150. After birth, the baby is also covered immediately, as outlined above.

Q. Am I eligible for disability pay when out for maternity?

A. As a pregnant employee, you may continue to work as long as you are fit and your doctor agrees to your working. When the doctor requires you to stop working, the physician must complete our benefits request form, including the disability benefit portion. Present insurance company guidelines indicate that for an uncomplicated delivery, disability pay may be allowed for up to six weeks. The disability payment under our insurance plan is 50% of your weekly pay, up to a maximum of \$80 a week. To return to work, you must bring in a release from your physician stating the date you are able to return to work after your postnatal check-up.

Q. My wife was pregnant when I joined Sangamo Weston. What maternity coverage do we have?

A. This is an important change under our new insurance benefits plan. When you are enrolled in our insurance plan (one month after joining the company), you may enroll your wife in our medical insurance plan. Coverage is effective immediately. This means that she is eligible for our regular hospital and medical benefits for the pregnancy.

Q. What if I leave the company and my wife is pregnant?

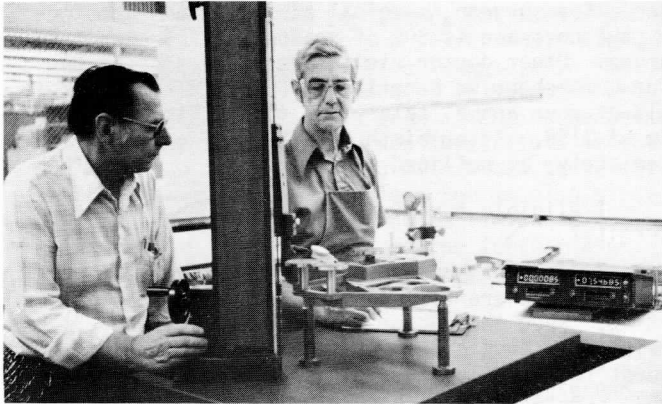
A. When you terminate your employment, the medical insurance coverage on you and your covered dependents stops. If your wife is pregnant, the medical coverage is not extended beyond your termination date.



COMING SOON--A demonstration of emergency life supporting techniques by the Fruitville Area Fire Dept., in cooperation with our Medical Department. Watch for the bulletin board announcements.

NEW GAGE ROOM HANDLES PRECISION INSPECTION

A newly-equipped Gage Room now provides Sangamo Weston with improved capability in the area of mechanical parts inspection and calibration of precision fixture, gages and measuring devices needed to do close tolerance work.



This new height gage gives electronic digital read-out to accuracy of .00005", or 50 millionths. Mike Gerack, Inspector, and Elbert Warren, Jig Bore Machinist, are shown consulting over an intricate aluminum casting for our Sabre VI data recorder tape transport housing.

Gage Calibration means maintaining the accuracy of the measuring devices that check the precision work produced in our shops. For example, if your ruler is not accurate, you come up with a wrong measurement. If a Machinist's micrometer is not accurate, the work produced will be in error, and costly scrap or rework will result.

Our new Gage Room is located near the Machine Shop. It provides a central place for storage, control and issuing of measurement gages. Gage Calibration is traceable to the National Bureau of Standards. For those knowledgeable about precision inspection, the equipment includes two new height gauges with electronic digital readout to .00005 -- that is 50 millionths of an inch... bore gages with three-point measuring to .0001 of an inch; rotary indexing head accurate to degrees, minutes and seconds... precision tool maker's microscope, spring-loaded dial indicator micrometers, etc.

"If you are not familiar with this kind of precision measuring, think of the thickness of a hair on your head -- about .0025 to .004. Then split that single hair about 80 times. That's the kind of close tolerance accuracy we're talking about," Inspector Mike Gerack said.

Because heat, cold, dust and other environmental factors can affect the metals and measurement accuracy, the Gage Room is specially controlled for temperature, dust, humidity and noise level.

"Very close precision is needed on our data recorders," explained Dave Walker, Supervisor of In-Process Inspection. "This Gage Room facility should serve the whole plant in the integrity of mechanical measurements. We encourage all Departments to feel free to call us about any precision measuring problems."

WIND SHEAR SYSTEMS INSTALLED AT 11 AIRPORTS

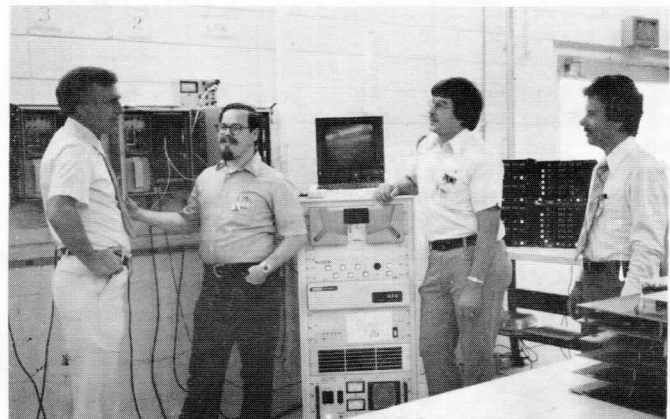
Surface Wind Monitoring Systems (SWIMS) from Sangamo Weston's Industrial Systems have been installed at 11 airport sites in this country through two major contracts with the U.S. Federal Aviation Administration (FAA). In addition, 14 more systems will be installed over the next 6 months.

The FAA calls the system a "Low Level Wind Shear Alert System," and uses our equipment to detect wind shear conditions that may be hazardous to aircraft operation, particularly during landing or take-off. Sudden changes in wind direction and speed have been the cause of major air accidents.

"Our system includes six anemometers placed around the airport -- five on the perimeter, about one-three miles out, and one at a center field location of the airport," explains Lou Coldren, Senior Application Engineer in Industrial Systems. "These anemometers provide vector data on horizontal wind speed and direction. The data is averaged and transmitted to the computer at the control tower by a VHF radio communications link. The data is displayed to air traffic controllers in Engineering Units, giving average wind speed, direction and gusts at the various monitoring locations. If a wind shear condition is calculated, an alarm sounds and the wind shear conditions are flashed on the screen so that the Controller can alert the aircraft in the area."

Our 3200-series Remote Monitoring and Control equipment works with a DEC computer. A quicklook CRT terminal can be used by maintenance personnel for monitoring the system's performance.

More than 25 systems have been sold since the first system was installed at Tampa International Airport in mid-1977. Current installations include the following airports: Tampa, Oklahoma City, Houston, Denver, Atlanta, JFK, NY, Miami, Ft. Lauderdale, Washington National, D.C., Orlando and NAFEC, N.J.



Shown with one of the FAA Wind Shear Alert Systems during testing are: Lou Coldren and John Young, at left with remote units; Bob Bradica with central station and CRT; Pete Ridgway, Project Engineer at right. Between Bob and Pete can be seen four Traffic Radar Approach Control (Tracon) display units and two control tower cab displays.