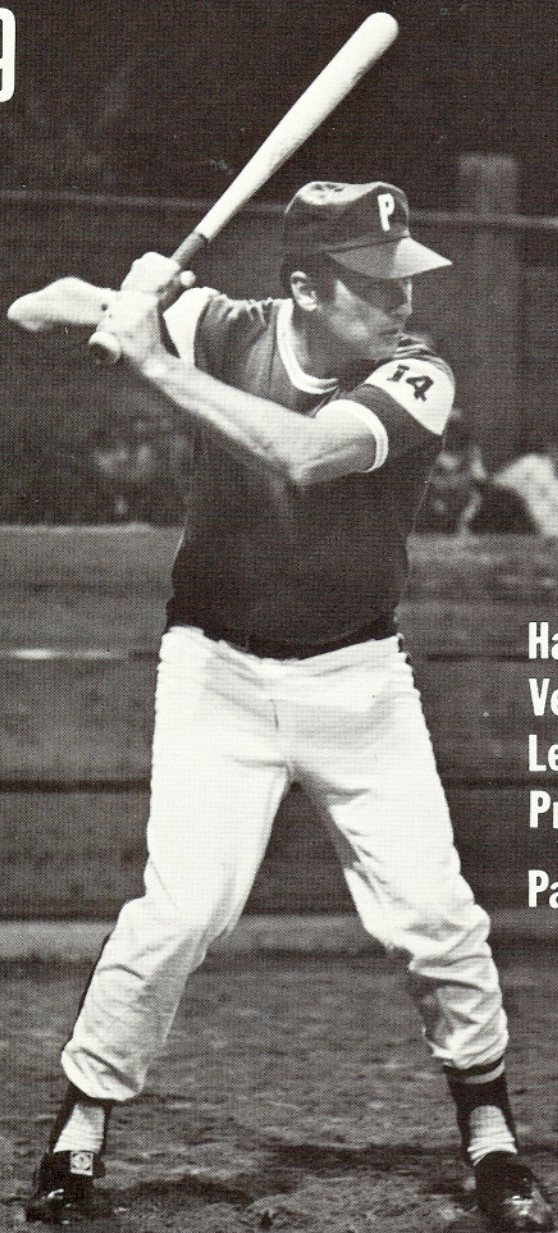


Librazette

JULY
AUGUST /69



Hard-hitting
Veteran
Leads the
Precisioners...

Page 17

Librazette

Vol. 15, No. 3
July / August 1969

COVER

The Art Department's John Guarino proves to be a real artist with a bat also as he leads the Precisioneer softball squad in Burbank Industrial League play. Under John's direction the team is holding its own in one of the toughest leagues in Southern California.

Photographers contributing to the pictorial success of this issue include Jim Avera, Arthur Adams, Earl Erickson, Rex Fries, Bill Holst and Jim Norwood.

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Earl Erickson, Editor

Jim Norwood, Art Director

Member: International Council of Industrial Editors,
Southern California Industrial Editors Association.

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Scholar After Dark

The oldest cliché in the teaching game says that the teacher always learns more than the students.

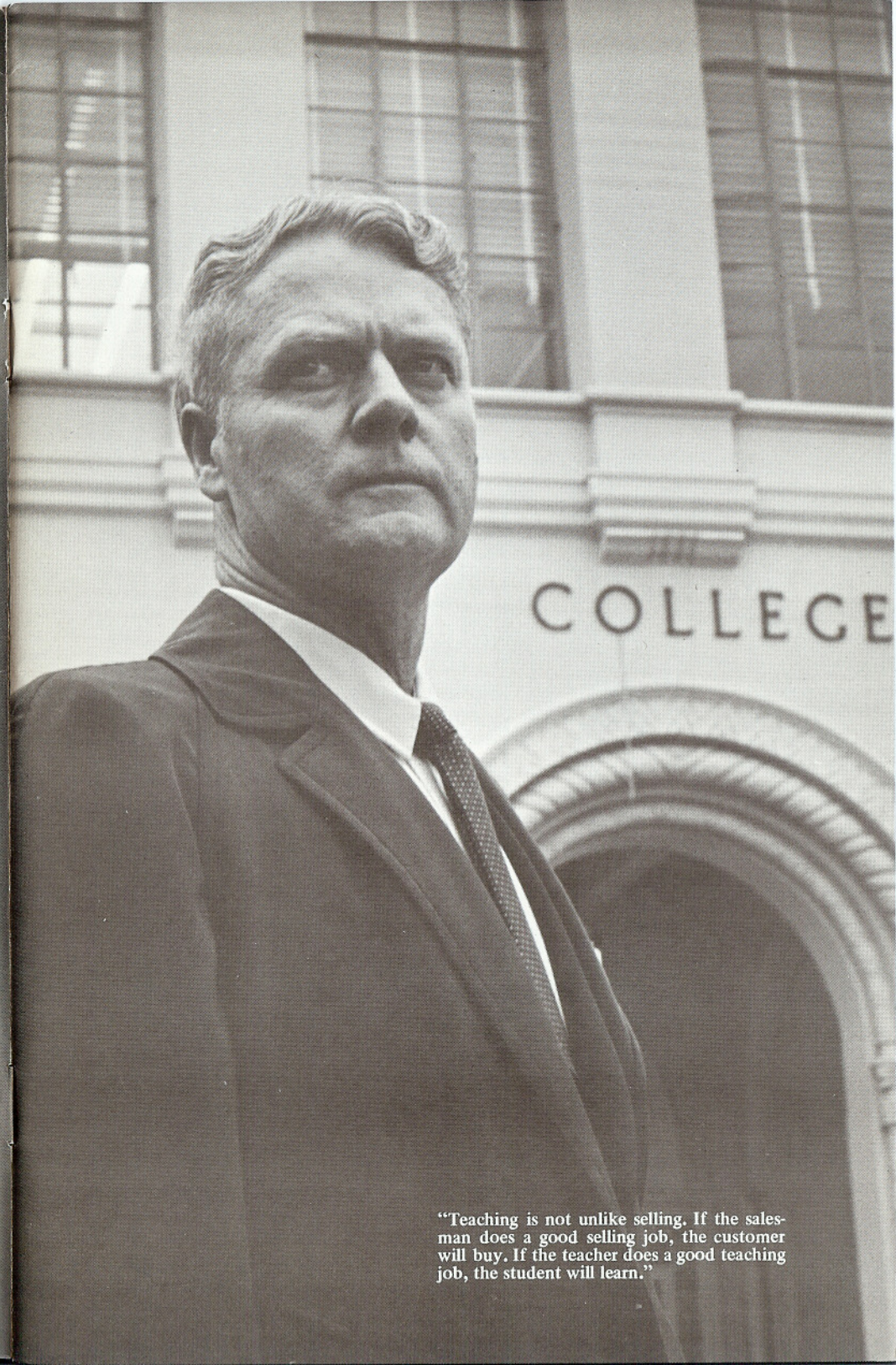
"Like most clichés, that's another one that's true", affirms Librascope Legal Counsel Harry Plunkett.

And attorney/teacher Harry should know. He's been "learning as a teacher" for the past nine years.

Every Monday and Tuesday during the school year Harry clears his desk in building 3 and heads for room 206 in the Ad building at Glendale College, and for the next three hours schools his students on the rudiments of Business Law.

"It's my way of contributing to the future", Harry says. "Something of myself influences my students and in turn they influence me. I remember them. In turn, they remember me, and that's important. But most important is that we are mutually learning. I take knowledge from them, and hopefully I

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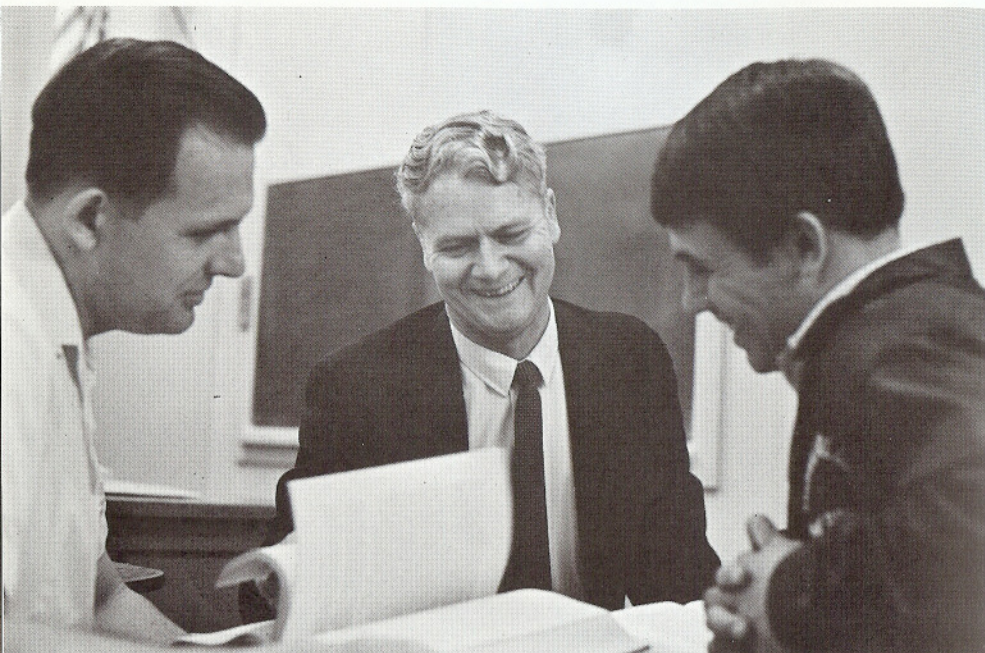
"Teaching is not unlike selling. If the salesman does a good selling job, the customer will buy. If the teacher does a good teaching job, the student will learn."



4 "I never categorize a student at the beginning of a semester as a "D" or "C" student. I make myself believe he can do the work well and that if he doesn't do so the fault will be mine."

(Continued)

Scholar After Dark



"Over the years I have learned that the particular parts in a course of study which are the most interesting to me are the parts which the student seems to learn best. This, I am convinced, is no accident."

repay in what I am able to teach. A very warm and fulfilling experience".

Harry began his search for knowledge many years ago as an undergraduate at the University of Illinois where he received his EE degree in 1941. Then followed a small skirmish known as World War II that saw Harry in the Navy. In 1946 he began his long association with General Precision and for many years was engaged in electronic sales work.

Harry during these years worked toward his law degree at New York University and Southwestern University; received his LLB in 1961 and began the practice of law.

In 1960 he approached the Glendale College administration for a teaching position and was persuaded

to accept the instructorship of the electronics course. He taught that subject for seven years.

"Teaching is the best way in the world to learn", Harry points out. "When you are teaching you learn to question yourself, to 'fall down' is the way I usually put it. That means that one learns by making mistakes, or if he is really smart, by learning from someone else's problems or mistakes. As a teacher I have the advantage of learning from each question, each theory, each time a student 'falls down'.

"Actually, teaching is a built-in method of getting problems presented. Many times in class I have been asked what I thought was a relatively simple question but on trying to give an answer have found that I've had to



dig it out in order to really define it. That's what I call learning by the 'problem' or 'mistake' method."

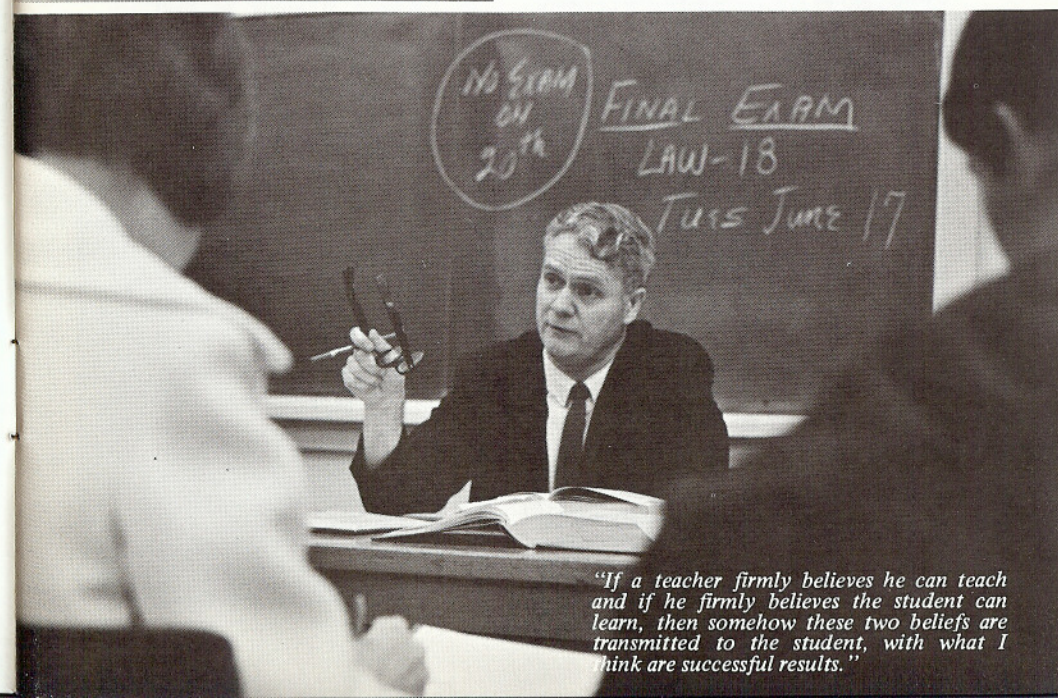
Harry makes his home in La Crescenta with his wife, Mardell, and three young daughters. Two older sons are both married and have established their own homes. Harry likes to hunt and fish and occasionally will try a game of handball.

But he really likes to learn and teach.

"I hope to teach for many years", he says, "I really enjoy the challenge and as I've indicated, it's a wonderful way to learn. If anything happened that I couldn't teach the law, or electronics, I'd find something. Maybe Sunday School".

And you know something? He'd do a mighty fine job. Born teachers can teach anything. And learn every minute while doing it.

Harry Plunkett is. And he does. □



"If a teacher firmly believes he can teach and if he firmly believes the student can learn, then somehow these two beliefs are transmitted to the student, with what I think are successful results."

New Contracts Total Nearly \$5.3 Million

During the month of June, Librascope's Systems Division was awarded contracts for new and follow-on business with a total value of nearly \$5.3 million.

Four of the contracts were for work on major antisubmarine warfare control systems, spares, and data gathering systems; the remainder involve a Night Viewing Device designed by Optics Technology Center, and the L-2C Head-Up Display.

Treasury Secretary Asks 5% Rate on Savings Bonds

Secretary of the Treasury David M. Kennedy has disclosed details of the Nixon Administration's request to Congress for legislation to permit the payment of a 5% rate of interest to investors in U.S. Savings Bonds.

The maximum rate that may be paid on Savings Bonds is now 4¼%, a statutory limitation which has been unchanged since 1918.

Approximately 11 million people are now buying bonds through a payroll savings plan. The proposed 5% rate would apply to Savings Bonds purchased after June 1, 1969 and held to maturity. Holders of outstanding Savings Bonds would also receive a 5% rate for the remaining period to maturity after June 1, 1969.

Treasury is recommending the increase in rate because the current 4¼% return is not competitive with other investment and savings opportunities. Redemptions have been running ahead of sales for seven successive months.

Under Secretary Kennedy's plan, the original maturity of the Series E Bond will be shortened to 5 years, 10 months from the current 7 years.

Discount Drive-In Tickets

A popular thought to keep in mind during these warm summer evenings is the availability of Pacific Drive-In Theater tickets available at discount to Librascope employees.

The regular \$1.50 adult ticket is available for only \$1.00.

Tickets for local drive-ins may be purchased from Lisa Sands in Building 3.

Horak Named Products Division Sales Manager

Robert J. Horak has been named general sales manager of the Products Division of Librascope, Singer-General Precision, Inc.

"In his new position," said H. F. Penfold, general manager of the division, "Horak will be responsible for directing the sales activities for our complete product lines."



Horak

Horak has a comprehensive background in technical management, engineering, marketing, and manufacturing. Prior to joining Librascope he was general sales manager for the Datex Division, Conrac Corporation, Duarte, manufacturers of encoders.

Before that he was with Consolidated Electrodynamics Corporation, Pasadena, as engineering manager in the Datagraph Division developing major instrumentation systems, and was also marketing manager of the Transducer Division.

The author of numerous articles and papers in technical journals, Horak holds several patents in photographic and instrumentation fields.

He received a Bachelor's degree in Electrical Engineering from the University of Kansas, and has taken intensive courses in industrial electronics, vacuum engineering and radar at Bowdoin College, Brunswick, Maine.

News Bulletin:

H.F. Penfold Promoted

The promotion of Hilliard F. Penfold to Librascope Vice President and General Manager of the Products Division has been announced by Maurice Center, executive vice president and general manager of Singer-Librascope.

Penfold has been general manager of the Products Division for nearly two years.

Before joining Librascope in September, 1967, he was general manager of American Machine and Foundry Company's division in Essex, Conn. Previous company affiliations include the Collins Radio Company, New York City, and Servo Corporation of America, Syosset, N.Y.

'Family Day' Committee Plans Open House Oct. 4

A special "Family Day" Committee, headed by Chairman Charlie Cole, is meeting to plan an open house for Librascope employees, their families and friends.

The event, scheduled for Saturday, October 4, promises to be one of the biggest open house celebrations in the history of Librascope.

"We haven't had an open house for employees for quite a while," Cole said, "and we are planning to make 'Family Day - 1969' an event to remember."

Family Day at Librascope will include tours of facilities, exhibits and displays of Librascope products, U.S. Navy exhibits, prizes and favors for both adults and children, entertainment with music by "The Reflectors", (the popular group that performed at last year's Christmas Dance) door prizes, and appearances by special guests.

Committee members serving with Cole include H. Applegate, H. Bock, W. Bell, C. Dahl, E. Erickson, A. Germano, H. Hansen, L. Hey, N. Laughlin, A. Leto, K. Luther, L. Somerfield and E. Valdez.

Employees are urged to watch company bulletin boards for additional information concerning "Family Day" activities.

Warning to Drivers: Watch out for 'Him'

His field of vision is narrowed and dimmed; his reaction time has slowed at least 15% and he's 25 times more likely to have a crash than you are.

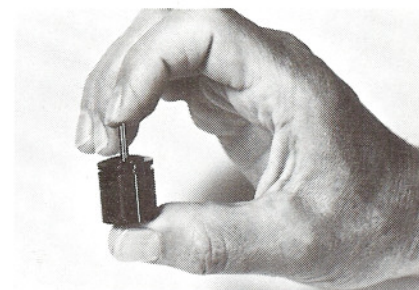
Who is "he"? "He" is a drunk driver and he's behind the wheel of one out of every 50 cars coming your way, according to the Los Angeles Chapter of the National Safety Council.

Last year, drinking was a factor in about half of the nation's 55,000 traffic fatalities. So, watch out for "him." He may kill you.

Whitnell Jaycee Officer

Senior Systems Engineer Doug Whitnell was elected District Governor of the California Jaycees according to a recent announcement from the office of the state president.

Commenting on Whitnell's election, State Jaycee President Arnold Laub said, "I am confident that the California Jaycees will rise to new heights and experience an outstanding year under his very capable leadership".



SUBMINIATURE - Librascope's Products Division has announced a new Size 8 encoder. Dime-sized and about one ounce in weight, the subminiature encoder is ideal for airborne systems applications.

Librascope Announces New Subminiature Encoder

The Products Division has announced an improved Size 8 subminiature 7-bit V-Scan Binary shaft encoder for those applications where absolute minimum size and weight are prerequisites.

The small diameter, only the size of a dime, and one ounce weight, make this new and improved model ideal for airborne systems applications.

The new Size 8 Encoder (Model 707-8) achieves the lowest torque and inertia to be found in any available brush or pin-contact encoder. Redundant brush construction is used to provide a significant increase in reliability and service life.

Librascope patented V-Scan Dual Brushes are used to provide unambiguous binary data for entry directly into a computer for processing ... or into conventional V-scan brush selection IC chips to produce natural binary numerical data.

Transition accuracy for this model is comparable to that of larger encoders of the same resolution; even though the diameter of the commutator is 42% smaller than that of a similar Size 11 encoder.

Aid Club Appoints Curran

Robert Curran, foreman in the Machine Shop, Bldg. 16, has been appointed to a 3-year term to the Librascope Aid Club.

He fills the vacancy created by the resignation of Ed Mason who left company service recently. Curran also served as Building Representative for the 1968 year.



ALPA:

Librascope Steals the Show

More than 300 Air Line Pilots, meeting in Atlanta at the annual ALPA Safety Forum, had ringside seats at a "coming-out party" for Librascope's newest Head-Up Display, the L-2C. Before the show ended virtually every pilot there had visited our exhibit and Librascope HUDS were the talk of the forum.

(Continued)

Excitement in Atlanta:

Librascope's head-up displays literally "stole the show" at the Air Line Pilots Association (ALPA) Air Safety Forum held July 7-10 at the Regency Hyatt House Hotel in Atlanta, Georgia.

Exhibited at the ALPA forum were the Librascope L-193 Head-Up Display and the L-2C Head-Up Display.

"This was the second Air Safety Forum exhibition for the L-193 Head-Up Display," said Hugh A. Young, manager of Western Regional Marketing for the Systems Division, "but the L-2C was exhibited for the first time in Atlanta and we are excited about the results."

Young headed the Librascope delegation to the show. Also attending were Dennis Anderson, marketing representative, Systems Division; James R. Norwood, Public Relations, and Frank Brady, director of Aeronautical Program Development, from Librascope's Washington Office.



Above — Systems Division Marketing Representative Dennis Anderson, right, demonstrates the Librascope L-193 Head-Up Display for an ALPA Safety Forum visitor.

Left — Close-up view shows the configuration of Librascope's newest head-up display, the L-2C. The compact L-2C is equally adaptable for light planes or transport aircraft.



All were enthusiastic about the response to the Librascope exhibit.

"I think every one of the more than 300 air line pilots, administrators and industry executives at the forum visited our booth at least once, and many returned for demonstrations of the head-up displays," Anderson said.

As a result of the show, Librascope has received direct inquiries from three major domestic trunk air lines, Young reported.

"One high interest area is Alaskan Air Lines," Young added. "The Alaskan line uses a commercial version of the C-130 aircraft to haul oil equipment into Nome, Pt. Barrow and other remote areas where landing fields do

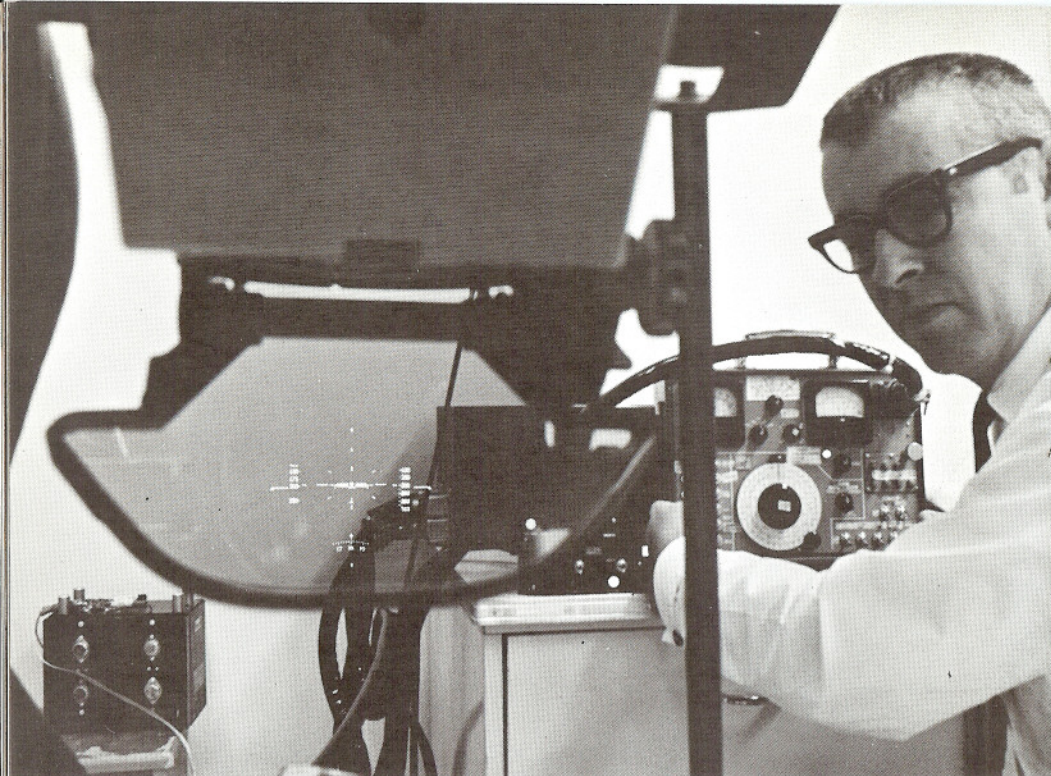
not have instrument landing facilities.

"The L-2C Head-Up Display is especially designed for this type of situation and we will be cooperating with Alaskan Air Lines in evaluating the L-2C."

The L-2C fills the need for a low-cost, multipurpose flight instrument that is equally adaptable for light planes or transport aircraft.

The combining glass of the L-2C continuously displays, directly in the pilots field of view, the aircraft's velocity factor, flight path angle in degrees (climb or glide), and fast or slow speed commands... all of which are vital factors of flight safety.

(Continued)



Frank Emerson, Systems Division engineer, uses a simulator to demonstrate Librascope's L-193 Head-Up Display.

ALPA Show: 'A great success for Librascope...'

FAA to Evaluate L-193 Head-Up Display

The Federal Aviation Administration has just announced that it will conduct a 10-month evaluation of the Librascope L-193 Head-Up Display.

The company was awarded a \$73,492 contract by the Federal agency for the evaluation, which involves extensive ground and in-flight tests in a four engine jet airliner, to prove the accuracy and reliability of the device.

The L-193 Head-Up Display, one of the most advanced and reliable pilot information and navigation aid systems available to the aviation industry today, also received a good share of attention at the Air Safety Forum.

"The recent announcement of the FAA contract we received for a 10-month evaluation of the L-193 accounted for a lot of visits and requests for demonstrations by aircraft users and manufacturers," Young said.

Introduced by Librascope late in 1967, the L-193 Head-Up Display is presently being tested and evaluated by a major domestic trunk air line and two aircraft manufacturers.

"The ALPA show was a great success for Librascope," Young said. "We have received many direct responses as a result. Now, it is up to us, in Marketing, to turn these responses into new business for Librascope." □

Local Youth Groups get United Crusade Assistance

The Boy and Girl Scouts of America and the YMCA's of Burbank, Glendale, and Crescenta-Canada were just a few of the organizations assisted by the United Crusade (and Librascope participation) last year.

Figures released by these organizations and the Employee Services Office indicate that substantial assistance to these fine organizations was rendered by the "open hearts" of Librascope employees during the 1968 drive.

"A check in the amount of \$35,000 was released to the United Crusade recently as part of Librascope's 1968-69 pledge. A good portion of these funds go to support youth organizations such as the Scouts and YMCA," said Mrs. Nancy Laughlin of Employee Services.

"In addition, many, many more organizations shared in the generosity of those who contribute to assist the less fortunate", Mrs. Laughlin said. "Librascope continues to enjoy a fine reputation as a company with employees who are willing to participate their 'fair share' to assist their neighbors.

"Everyone in the community is benefitted by supporting the United Crusade", she said. "Figures indicate that one out of every three people in Los Angeles have shared in the receipts which have gone to United Crusade to help improve our communities", Mrs. Laughlin added.

Cost Savings Recover After a Slow Start

According to Coordinator E. Buzz Newman, the 1969 Cost Reduction Program at Librascope is still running below target but the program begins to show signs of growth.

"After a slow start we exceeded the monthly goal in May," Newman said, "and first-half 1969 figures, while below our goal, are encouraging."

The company's goal for the first six months was \$768,000 in cost reductions. Recorded during that period were \$682,331 in savings, only \$86,000 below the target.

"Now that we are back on the track, either meeting or exceeding our monthly goals, I am confident that we will meet the annual target," he added.

The 1969 Cost Reduction Program target is \$1,525,000.



NEW SUPERVISOR — Recently promoted to supervisor of Accounts Payable, Thelma Robertson is an 18-year Libravet. Prior to her promotion, she was a Group Leader for six years.

Thelma Robertson Chosen to Head Accounts Payable

Thelma Robertson has recently been promoted to supervisor of Accounts Payable. In her new capacity Mrs. Robertson will report to Assistant Treasurer W. F. Bell. She is an 18-year veteran of Librascope service and for the past six years has worked as group leader.

Mrs. Robertson lives with husband, Andrew, an employee of the United States Post Office. The couple now make their home in Saugus after 26 years in Glendale.

Off the job she keeps busy decorating her new home but "always manages to find some time for the grandchildren", she says.

Before joining Librascope Mrs. Robertson worked for J. C. Penney organization as an assistant office manager.

Dr. Bird Presents Paper at Monterey Naval Symposium

Dr. Richard M. Bird, Systems Division, recently presented his paper, "An Associative Memory Parallel Deltic Realization for Active Sonar Signal Processing", at the Naval Postgraduate School Symposium in Monterey.

Dr. Bird described an AM Parallel Deltic System that had 180 data channels and would allow automatic sonar ranging of one or more targets, a task that is performed manually in existing conventional systems.

Singer- General Precision Notes

Link-Sponsored Award Presented to Test Pilot

The Octave Chanute Award, sponsored by the Link Division of Singer-General Precision, Inc., was presented to test pilot William C. Park by the American Institute of Aeronautics and Astronautics on March 11th in Houston, Texas.

The award, which is given for "a notable contribution made by a pilot to the aerospace sciences," was presented to Park, chief engineering test pilot for Advanced Development Projects at Lockheed Aircraft Corporation in Burbank, California, for flight test development of Mach 3+ aircraft.

Park was the first test pilot to fly the SR-71 and YF-12A aircraft at their design speed — faster than Mach 3, which is more than 2,265 miles per hour at sea level.

The Chanute Award consists of a certificate, an honorarium of \$500 and a travel fund of \$1,000 for the recipient to speak before selected AIAA sections and student branches.

Singer is Now 43rd in Top 500

The Singer Company has been ranked 43rd in FORTUNE Magazine's directory of the 500 largest industrial firms in the United States.

The Magazine's 15th annual listing, which has just been released, was based upon sales during 1968. In 1967, Singer ranked 69th in the FORTUNE list.

Singer is rated the 13th largest employer with a worldwide total of 135,000 employees. It ranked 55th in assets, 66th in invested capital, 78th in net income and 106th in growth rate. The Company was one of 104 U.S. industrial corporations with sales of over a billion dollars.

Reinhold to Head New Home Furnishings Group

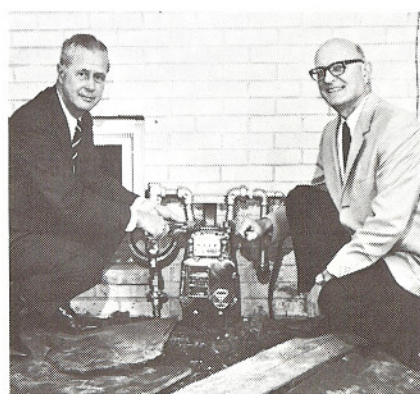
NEW YORK — Arthur E. Reinhold has been appointed a group vice president of The Singer Company and named to head a newly created Home Furnishings Group, Singer President Donald P. Kircher announced.

Creation of the new group is intended to accelerate development of the Company's already substantial position in the rapidly expanding home furnishings market.

The new group consists of KLH Research and Development Corporation, Cambridge, Mass., manufacturers of stereo equipment and components; the Motor Products Division, Anderson, S.C., makers of vacuum cleaners, electric motors and molded plastics; and Singer's sewing machine cabinet and wood furniture business, consisting of Western-Stickley Division in Chicago and operations in Trumann, Ark., and Naucalpan, Mexico.

Units making up the Group were formerly part of the North Atlantic Consumer Products Group, with the exception of the Mexican operation, which was part of the International Group.

Group headquarters will be established at 30 Rockefeller Plaza.



MILLIONTH METER — William G. Hamilton, Jr. (left), Group Vice President in charge of the Metering and Controls Group and President of the American Meter Company, a subsidiary of The Singer Company, helps Marvin Chandler, Chairman and President of Northern Illinois Gas Company, install the utility's one millionth meter, in this case a gold one.



Ken Mandeville, right, draws an interesting point, in a polite way, to the attention of umpire Rudy Constantino. Mr. Constantino, after weighing both sides of the point with fine impartiality, felt that his reasoning was just slightly better than Mr. Mandeville's and the discussion was brought to an end.

THE PRECISIONEERS:

'A Tough,
Tight
Team'

With the playoffs of the "A" Major Burbank Men's Industrial Softball League just around the corner the Precisioneers are assured of one of the coveted spots as they enter the last week of the regular season with a 7-7 record.

Enjoying a fine year the club is facing stiffer competition than ever before as the league generally increases the calibre of play.

Headed by the Art Department's John Guarino who doubles as the team's coach, the Precisioneers have participated in some of the most exciting matches of the season.

(Continued)

With Tom Smith perched on second base and John Guarino coaching at first, Bob Perry gets set to drive in the go-ahead run in the game against Haugen's Sporting Goods.



The win that evened the season's record came in an exciting come-from-behind game with Haugen's Sporting Goods. Haugen's jumped off to an early 5-0 lead at the end of two innings and then the boys went to work. In the bottom of the second they picked up two runs and added two more in their half of the fourth.

Behind by two going to the bottom of the seventh Guarino lead off with a triple and they added three to pick up a 7-6 win.

In that game starting pitcher Steve Grajeda went all the way to pick up his seventh win of the season. Grajeda picked up for the injured Ardie Beers who went out early in the season with a bad arm, and has done a creditable job during the long season.

(Continued)



Precisioneers Thrive on Competition

Prior to the win over Haugen's the Librascope team had won a pair from Rain Jet. The first game went to Precisioneers 5-1, thanks to a bases-loaded triple by Ron White, and the second game was won by a score of 3-1.

The easiest win of the year was a 7-1 effort over Haugen's Sporting Goods. In that game home runs were hit by Tom Smith, Vince Orlando and Ron White.

Playing on the squad this year in addition to Coach-3rd baseman Guarino are: Ardie Beers, pitcher, Bob Perry, 1b, Gary Crosby, catcher, Ken Mandeville, of, Woodie Thomas, of, Steve Grajeda, pitcher, Johnny Guarino (John's son) of, Tom Smith, who plays either the outfield or the infield, Ron White, ss, Dave Ramirez, of, Vince Orlando, 2b, and Stu White, outfielder.

Ron White and Vince Orlando, in addition to being the slickest keystone combination in the league, are both hitting well over .300 to pace the squad in the average department.

The heavy hitting is lead by Ron White and Gary Crosby who have both unloaded some real shots off some of the tough pitching around the circuit.

"We really have a tough, tight team," coach John Guarino says "we have played some of the toughest

teams anywhere in California in this league this summer and have managed to hold our own with all of them."

Guarino has been playing ball for Librascope for the past four years as have Bob Perry and Tom Smith. In fact, he's been playing ball for somebody since he was nine years old.

"That's right," John laughs. "I have played in some kind of league every year since I was nine. Even during the war I found a place to play; a couple of years it was against some major league baseball players and that was quite a thrill but mostly I just enjoy playing."

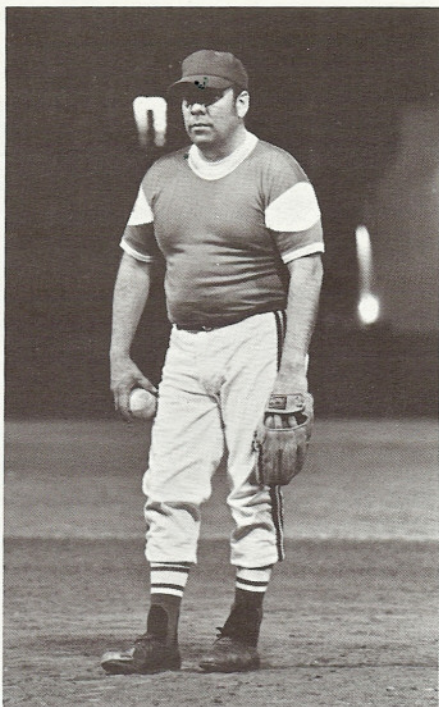
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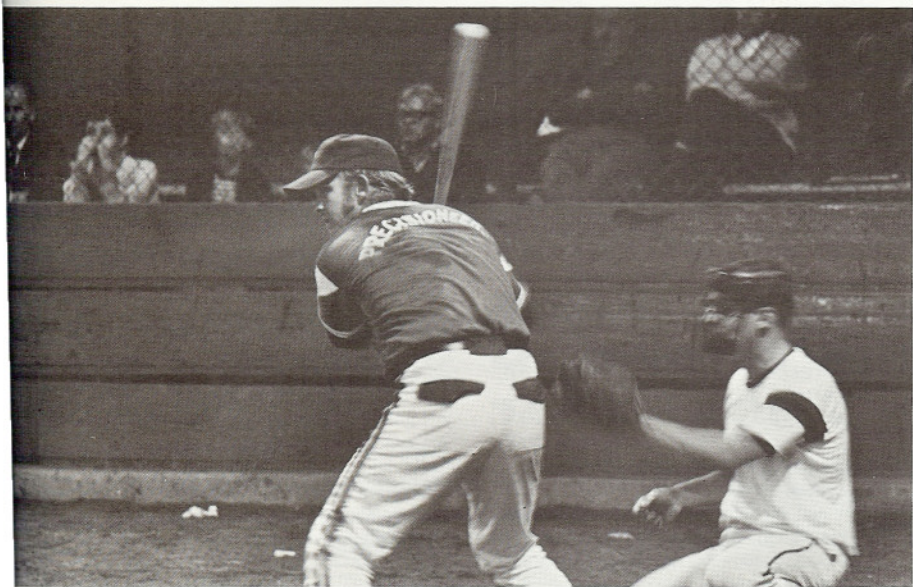
The Precisioneer squad for 1969. From left, back row: Ardie Beers, p, Bob Perry, 1b, Gary Crosby, c, Ken Mandeville, of, Woodie Thomas, of, Steve Grajeda, p, and John Guarino, coach and 3b. Front row: Johnny Guarino, of, Tom Smith, of-if, Ron White, ss, Dave Ramirez, of, and Vince Orlando, 2b. Not shown is outfielder Stu White.



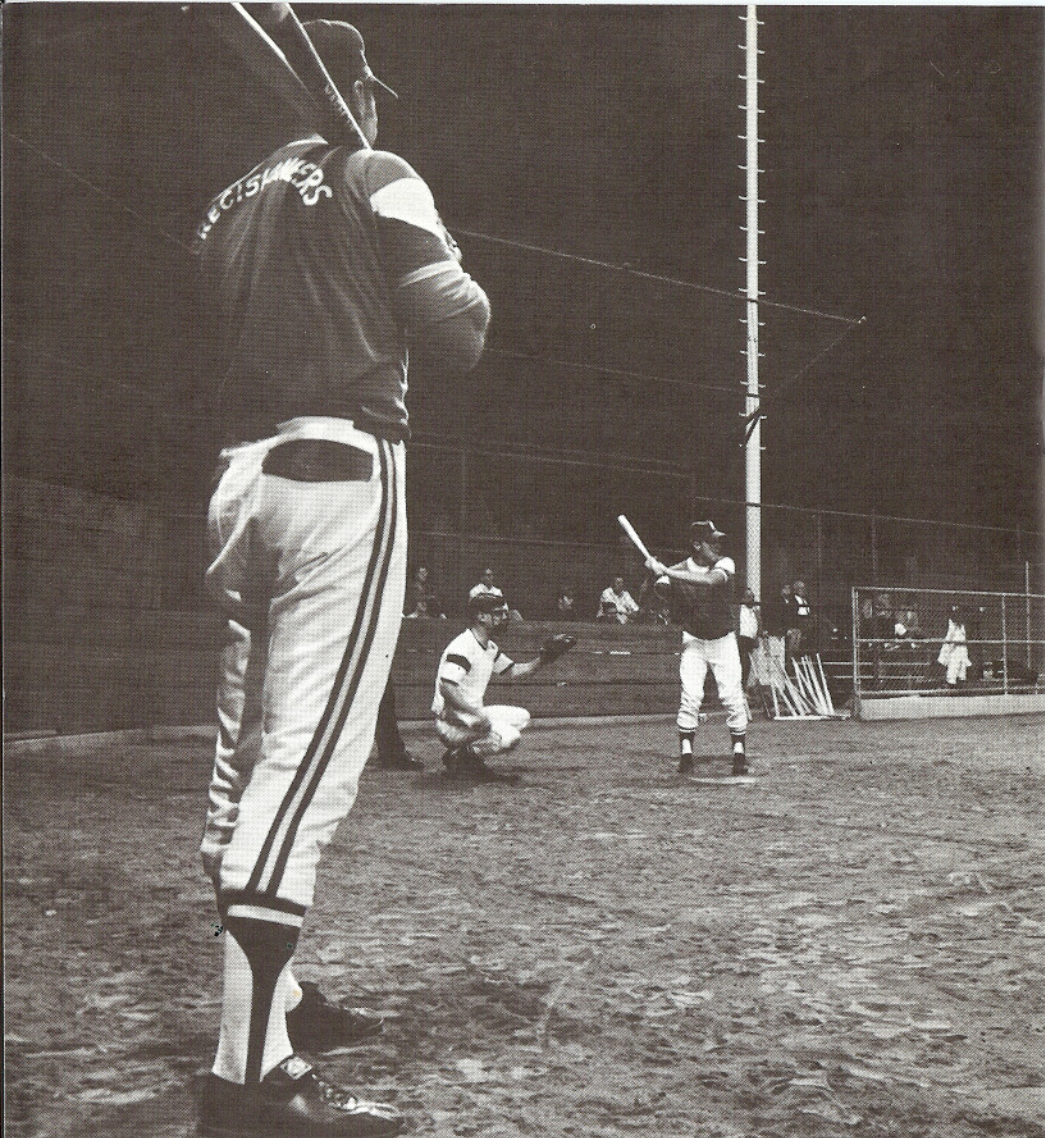
*Outfielder Tom Smith –
one of the team's standout players*



*Pitcher Steve Grajeda –
winner of seven games this year.*



Catcher Gary Crosby – premiere receiver and top hitter.



Team Veterans Look Ahead to ...Next Year

Librascope has sponsored a team in the fast Burbank league for many years. "We would like to have a few more employees on the team than we do this year," Guarino says. "But next year we'll put out the word and see if there aren't a couple more sluggers hiding out someplace in the plant." You can always use just one more good player."

That may be true ... but they've got a few already. □

Precisioneers Plan 'Fall Fashion Fantasy'

Marking another "first" for the Precisioneers, the employee organization will host a luncheon and fashion show Saturday, September 27 at The Castaway restaurant in Burbank, according to Jayne Stanek, chairman of the event.

The show will feature the latest in women's Fall fashions from Dotty Lee on the Golden Mall in Burbank. Included will be sport clothes, career clothes and evening wear.

"Fashions will be modeled by 10 of our own employees," Mrs. Stanek said. "And, we'll be giving away door prizes and table favors."

Assisting the program chairman are Lisa Sands, publicity and ticket sales, and Jeri Tichenor, decorations and prizes.

Tickets for the gala event go on sale September 1. The price, \$3.50 per person, includes the luncheon and fashion show. For reservations contact Lisa Sands, Bldg. 3.

A major safety feature of U.S. Savings Bonds and Freedom Shares is that they may be redeemed only by their registered owners. They are also indestructible — if lost, stolen, mutilated or destroyed, they will be replaced, free, by the Treasury.

R.M. Bird Earns Doctorate; 531-Page Thesis Published

Richard M. Bird, staff engineer in Systems Division Advanced Programs Group, received his doctorate degree in Electrical Engineering with the June publication of his 531-page dissertation, "Theory and Application of Remote Instrumentation Systems for Behavioral Research".

The dissertation describes a system for measuring the input and output factors which affect and measure behavior of mammals from remote distances while the subject is in a natural environmental setting.

"I never would have attained my Doctorate," Bird said, "without the help of Librascope's Advanced Degree Fellowship Program. I also earned a Master's degree in Electrical Engineering under the Program."

Bird began his Librascope career in 1963 and worked in the Advanced Technology Center prior to joining the Systems Division.



GIFT LIFT — Margaret Brown, Bldg. 3 Precisioneers representative and newly appointed chairman of the Viet Nam "Gift Lift" program, poses with an armload of gift items destined for our fighting men in Viet Nam.

Brown Announces August Viet Nam Gift Lift Plans

July and August mailing plans for the "Operation Vietnam Gift Lift" have been announced by new chairman Margaret Brown, who has replaced Donna Williams, who has left the company.

"Cookies are to be mailed out the end of July," Mrs. Brown reports. "We will need volunteers to bake cookies for this and future mailings. We also have a great need for paperback books."

"For the August mailing we are hopeful of getting such gift items as playing cards, note pads, writing papers and envelopes, after shave lotion (should be in small plastic bottles), foot powder, nail clippers, combs, razor blades, plastic soap boxes, peanuts, candies, fruit juices (the small 7 oz. cans), canned meats, chili, beans and franks."

All such food items should be canned and vacuum packed, she emphasized.

Items to be sent to the men in Vietnam should be delivered to Margaret Brown in Bldg. 3.

All employees are again reminded that the committee is anxious to secure mailing addresses for all employees on military leave, husbands, sons or daughters of employees serving in the war zone and any others who should be receiving packages in the 'Gift Lift.'



Growth of OTC's optical design and engineering function prompted the recent move to a new, more spacious building in the Rockville Industrial Complex.

Busy Times Ahead for OTC

"We know that we have one of the finest optical design and engineering facilities in the country," said Robert C. Dartnell, new manager of Librascope's Optics Technology Center in Rockville, Maryland.

Dartnell, who was Chief Engineer at OTC prior to his promotion to Manager on June 30, replaces H.A. Timken who has left the Company. The optics facility now reports to Jerry Deitz, Librascope Vice President - Engineering.

"This makes Optics Technology Center and its unique capabilities an integral part of Engineering," said Deitz.

"Since OTC is a high technology operation and engineering oriented, making it a part of our over all engineering capability improves OTC's interface with Glendale. In addition, it will expand the scope of OTC by making available other technical areas and technologies of the Glendale engineering facilities," Deitz added.

Largely an engineering and design function with ability and facilities to build and test prototypes or engineering feasibility models, OTC currently is concentrating on three prime technology areas:

1. Optical Design Services.
2. Electro-Optics - low light level direct

viewing devices.

3. Sophisticated large screen direct view or projection devices such as the NC-2 Plotter, using laser techniques and unique deflection.

Current programs described by Dartnell include low light level devices for the Army and the Navy, optical design services for other elements of The Singer Company as well as the general optical market, and large screen projection displays.

"In the low light level devices area, we are doing work for the military but it doesn't stop there," Dartnell explained. "We are also investigating applications in the commercial market... law enforcement, for example."

"Our optical design services are currently funded through a contract from The Boeing Company to design a hard optical path viewer for the SST program. In addition, we are hard at work on the Laser-Photochromic Display and have recently been funded by The Singer Company to continue research and development in this area."

All of which adds up to busy months ahead for Dartnell and the Optics Technology Center, and a broadening of Librascope's engineering capabilities. □

Discount Tickets

You can obtain any of these discount cards through the Precisioners Bldg. Rep. in your building.

SAN DIEGO ZOO - A discount family card for the special "Zoofari" program. Reduced prices are \$2.25 for adults (16 and older), \$1.25 for Juniors (12 to 15), and \$.75 for children (ages 2 to 11).

SEA WORLD - A \$.50 discount ticket (for adults only) is available for San Diego's new recreation center.

MARINELAND - Discount prices to Librascope employees. Adults \$2.25, juniors (ages 13 through 17) \$1.00, children (5 through 12) \$.75. Youngsters under 5 get in free.

DISNEYLAND - A family Magic Kingdom Card entitles you to a book of 12 rides and general admission at a fantastic discount. Prices: adults - \$4.50, juniors (12 - 17) - \$4.00, and children (3 - 11) - \$3.50. Without the Magic Kingdom Card the prices would be \$9.70, \$9.05, and \$6.90, respectively. Disneyland's summer schedule, through the Labor Day weekend, is 8:00 am to midnight, Sunday through Thursday, and 8:00 am to 1:00 am on Friday and Saturday.

GREEK THEATER - A \$1.00 discount ticket is available for special performances, July 14 through October 7. Shows scheduled for the Greek Theater this season are... *The 5th Dimensions*, *Mancini*, *Johnny Mathis*, *Harry Belafonte*, *Crosby*, *Stills & Nash*, *Jose Felecciano*, *Don Ho*, *Engelbert Humperdinck*, and *The Grand Kabuki*.

HOLLYWOOD BOWL - A \$1.00 discount ticket is available for special performances on Tuesday & Thursday evenings - *"Symphonies Under the Stars"*, and Saturday evenings - *"Pop Concerts"*.

UNIVERSAL STUDIOS - A full day of fascinating entertainment for the entire family. Save \$.40 per person with a discount ticket. Discount prices: Adults, \$3.35; Juniors (12-16 years), \$2.45; Children, \$1.55. Hours are 9 a.m. to 5 p.m. daily.

Peggy B. Polacek new Billing Group Supervisor

Peggy B. Polacek has recently been promoted to supervisor of the Billing Group in Cost Accounting, according to Marvin Olson, manager of General Accounting.



Polacek

Mrs. Polacek has been with Librascope for the past nine years. Prior to her appointment she served as group leader for six months. She has served in various areas of accounting: Fixed Fee, and Cost Plus Fixed Fee Groups.

A native of Surrey, England, Mrs. Polacek hopes to visit her native land next year. Her husband, Richard, works at Electro Optical Systems in Pasadena. The couple met while Richard was also employed at Librascope where he was involved in installing the files system in Electronic Data Processing.

Insurance Coverage Ok?

"From time to time it is a good idea to make sure you have your Group Insurance Dependent coverage correctly listed", manager of Compensation and Employee Benefits Frank Yapp, reminded Librascope employees recently.

During the past year many employees have married or made some other change in their status that would make it necessary to change the dependent coverage on their policies, he said.

"It is particularly important to keep the correct beneficiary listed under the life insurance benefits of your policy", Yapp said.

Dependent children over 19 years of age are not covered by Group Insurance medical benefits unless they are full-time students and depend solely on you for support. In such cases the dependents may be covered until age 23.

For information regarding beneficiaries and dependent coverage employees are invited to contact: Group Insurance Section, Bldg. 3, Ext. 1240.

Security belongs to those who plan for it. Buy and hold U.S. Savings Bonds and Freedom Shares.



A summer breeze does not Hawaii make.

But if you take 2,000 beautiful girls and handsome, fun-loving men, toss in some barbecued pork and beef, add a helping of sweet or sour spareribs, some cantonese rice, a canoe-full of pineapple, two knife throwers, a million leis, 10 hula dancers, a volcano and one very full moon you can come awfully close.

One hundred of those beautiful girls and an equal number of the handsome men were Precisioneers who comprised some of the crowd at The Tikis, the San Gabriel Valley's most exciting restaurant, which was the scene of the second annual Precisioneer Luau.

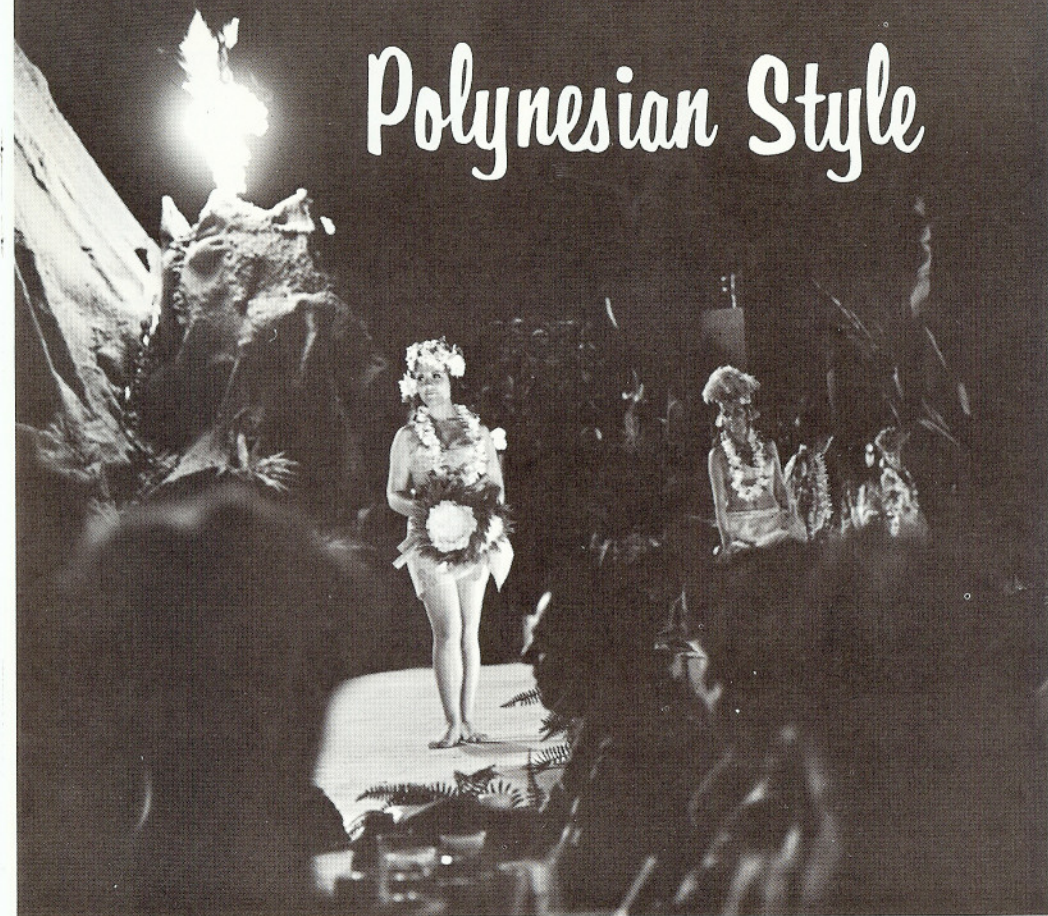
Jeri Tichenor, left, chairman of the event for the Precisioneers, tells dinner companions about the magnificent volcano which is about ready to erupt. (below). Husband Dick, right, enjoys the magnificent meal which was one of the highlights of the evening. Another highlight, right, entertains during one of the shows put on during the course of the evening.



Precisioneers

Get Away from it All...

Polynesian Style



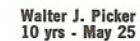
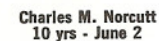
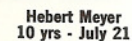
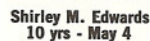
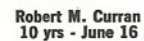
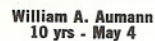
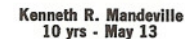
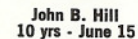
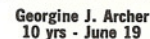
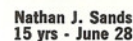
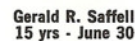
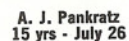
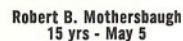
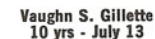
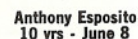
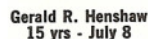
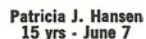
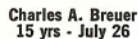
"I think everybody who attended really had an exciting time," says Chairman Jeri Tichenor who handled the event. "We figured about 100 who bought tickets had attended the original event last year and we figured that was a pretty good indication that the choice was a good one."

About 10 acres of the San Gabriel Valley are devoted to the recreation of the South Seas paradise and the authenticity is remarkable. The biggest

live volcano in captivity dominates the southern sky and the three bands — Hawaiian, Latin and Modern combine to make an unforgettable evening.

"We don't know what we'll do for a similar event next year" Jeri reports. "We may try another place but a lot of the people say they would like to go back again."

That survey doesn't include the ones who are still making their way back by catamaran. □



LIBRAVETS ★ ★ ★ ★ ★ ★ ★ ★ ★ ★



Bonnie I. Ploger
10 yrs - June 2



Carmen Rodriguez
10 yrs - May 12



Emma M. Schwab
10 yrs - May 4



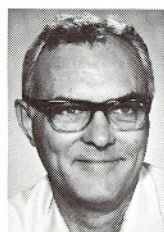
Martha E. Shoemaker
10 yrs - May 4



Tommy J. Smith
10 yrs - June 15



Grey E. Stone
10 yrs - May 4



Frederick L. Sullivan
10 yrs - May 4



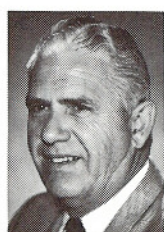
Robert Tapia
10 yrs - June 15



Peter P. Tults
10 yrs - June 22



Arthur P. Brown
5 yrs - June 8



William E. Brown
5 yrs - May 11



Roy A. Fitzherbert
5 yrs - May 11



Bernie S. Kopp
5 yrs - July 20



Stephen F. Matkowski
5 yrs - July 22



Ralph Singman
5 yrs - May 18



Richard Yee
5 yrs - July 13

NOT PICTURED:

Clare Burgis
20 yrs - June 6

Rowland E. Harr
10 yrs - May 20

George A. Roby
10 yrs - May 25

Steve P. Cyganik
5 yrs - July 6

Romona Andreo
15 yrs - May 5

John Langman
10 yrs - May 15

Violet M. Taylor
10 yrs - June 8

J. Dan Hubbard, Jr.
5 yrs - May 11

Gladys I. Cowan
15 yrs - June 1

Daniel B. Mange
10 yrs - July 7

Thomas M. Walker
10 yrs - May 18

Richard A. Korn
5 yrs - June 8

Robert B. Babcock
10 yrs - May 25

Marbie McClung
10 yrs - June 2

Kenneth R. Wallingford
10 yrs - May 18

Hal M. Seeler
5 yrs - May 4

David B. Belmont
10 yrs - June 22

Sophie V. Myslicki
10 yrs - May 11

Peter H. Chapp
5 yrs - June 1

Michael Sherman
5 yrs - July 20

John P. Dobrescu
10 yrs - May 18

Theodore A. Nagy
10 yrs - June 8

John R. Cordell, Jr.
5 yrs - July 13

James E. Vecchia
5 yrs - July 7



OTC LIBRAVETS – Honored recently in a ceremony at Optics Technology Center, were seven Libravets, all of whom have completed five years of service at Librascope's Rockville, Maryland facility. Included were, left to right, Charlie Mangerian, Fred Merkel, Dan Englehardt, Shirlee S. Murray, John Rosenfield, Roy Eiser and Dan Hubbard. Making the presentation of pins and certificates is Harold Timken, former manager of OTC.

JUNIOR ACHIEVEMENT:

It was a Very Good Year...



Advisor F.R. "Mac" McCarthy welcomed the stockholders of the Librascope-sponsored group to the annual meeting and introduced the officers of the JA organization.

Year-end reports for Junior Achievement accomplishments are in and the Librascope-sponsored Wize Enterprise walked off with most of the top awards.

Wize's Regina Shermer, president of company, was selected to be the recipient of the \$2,000 JA Scholarship award and also was chosen to receive the Executive Award, the highest individual progressive award in JA.

To qualify for the Executive Award "an achiever must have been active in the program for at least two years, hold the Junior Executive Award, have capably held an elective office, have an excellent attendance record, pass a comprehensive written test, and be approved as the result of a personal interview by the judges."



Gathered around the "point of purchase" display are the members of Wize Enterprise. Standing at left is club president Regina Shermer who garnered many honors for her outstanding Junior Achievement year.



Regina Shermer, president of Wize Enterprise, was chosen the winner of the Executive Award, which is the highest individual progressive award in JA. Regina also won a \$2,000 scholarship.

In addition to the award picked up by Miss Shermer, the Wize Enterprise youngsters also won 3rd place in the Booth Display Contest and first prize in the Point of Purchase Display Contest at the East Valley Center. In addition the latter entry was chosen for the second award in the Southern California Regional Competition.

Wize Enterprise's entrant in the Invest in America Speech contest was Dianne Slac. Miss Slac won second place in that contest.

The annual report figures indicate total sales for the year were \$1,343.

Wize Enterprise is the 16th JA Company sponsored by Librascope which has an excellent record of involvement in the JA program.

Advisors for the 1968-69 JA year were Ivan Franklin, Wesley H. Hardwegg and F.R. "Mac" McCarthy. Rusty Dunham served as an alternate advisor. Company coordinator for Junior Achievement is Mrs. Nancy Laughlin, Employee Services. □



18 Days in May

"Thirty days hath September, April, June and November. All the rest have 31 save February, which has 28," ... and, we might add ... May, 1969 at Librascope, which had 18 days which will go into the record books.

Because during a brief, four week period in May, 13 representatives of Librascope's Spares Provisioning Group and 12 members of the U.S. Navy Ships Parts Control (SPCC), met here in the first Electronic Data Processing "Tape to Tape" Supply Item Provisioning Conference. And the work they accomplished will go into the records as a provisioning milestone.

During that brief span of time, 90,000 supply item data elements for Fire Control System Mk 113-9 were established and recorded onto EDP computer tape, and then duplicated so that SPCC could hand carry the data back to Mechanicsburg, PA for use in their own computers.

A little simple arithmetic shows us that conference members processed an average of 5,000 data elements per day, a truly amazing accomplishment.

The "Tape to Tape" conference at Librascope was a "shakedown" run of a data system that SPCC has been developing over the past few years. This data system is used by SPCC to provide worldwide management and distribution of repair parts needed to support the operating fleet, Naval shipyards,

J.W. Middlekauf, SPCC, left, - describes the worldwide data system to a group at "Tape to Tape" conference. Others, left from Middlekauf are: E. Miller, B. Kane, F. Kazin, Dalton Sanders, E. Struss, R. Carroll, R. DeLuca, and J.B. Manotti.

tenders, repair shops and other government agencies as well as navies of friendly nations.

"The conference is history, now," said Robert T. McDonald, supervisor of Provisioning Data Services group, "but Librascope plays a continuing role in the SPCC system. Continued "Tape to Tape" provisioning and maintenance updating and cycling between our Spares Provisioning Group and SPCC will result in expediting future provisioning conferences, faster procurement of supply items, and greater integrity of provisioned Fire Control System Repair Parts."

Conferees included McDonald, W. Picker, D.E. Burke, A.D. Bates, D.C. Sanders, A. Peters, M.D. Hankins, B.B. Tilden, C.R. Krohn, W.H. Fuller, R.B. Mothersbaugh, C.F. White and J.O. Pack of Librascope. Navy representatives present were J.B. Manotti, J.W. Middlekauf, E. Miller, R. Carroll, A. Love, R. DeLuca and A. Williams of SPCC; W. Wistak, F. Kazin and B. Kane of NUWRES; E. Struss of NOSFP, and M. Marquardt of NOSC. □

Members of Librascope's Spares Provisioning Group and representatives of the U.S. Navy Ships Parts Control (SPCC) gather at recent conference. Around the table, clockwise from left, are: R. DeLuca, Bob McDonald, J.B. Manotti, J.W. Middlekauf, Al Bates, F. Kazin, W. Swistak, B. Kane, E. Struss, E. Miller, R. Carroll, A. Williams, and A. Love.



The Last Page

Vietnam Mail Call

Letters of appreciation and good cheer continue to come to those responsible for Operation Cookie Lift and Operation Gift Lift from servicemen in the war zones of Vietnam.

"The cookies arrived in excellent shape - very tasty too. I received them the day before I left for Australia on R&R and managed to eat more than my share, before turning them over to my buddies. Enjoyed Australia as there were many new and wonderful sights to see. The wild nightlife (at least after nine months in Vietnam) was almost as interesting as the food. It was so good I even ate the carrots. Say hello to all my friends" ... Jim Packard.

"Since General Precision was just barely Singer-General Precision when I left the world, I was a little uncertain when I saw the Singer tag. Your Packaging Engineering Department might devote a couple of lunch hours to the SAM situation, but the BIG pieces went over very well. About 14 officers and two civilians spent all afternoon enjoying the package. That's as long as CARE packages ever last. Thanks to everyone who baked, wrapped or contributed" ... Fred C. Bisbey.

"I wanted you to know the cookies arrived in about 10 days and were in excellent shape. Tell the Shipping Department they are doing a good job. Thanks again for everything" ... Kevin Paddock.

"Be sure to thank Donna Williams and all the nice people of the Precisioners for the package of cookies. If they only knew how hungry I was when I got that package they'd know how much I appreciated it. Also I got another goodie package from Burbank High. Be sure and let all those people know I got the package and how much I appreciated it" ... PFC Ron Hey.

Seif Earns B.S. Degree At West Coast University

Eric Seif, engineer in the Systems Division, Test Equipment Group, is the proud possessor of a B.S. degree he received recently from the West Coast University.

Seif attended the University's night school facility from October, 1965 to April of 1969 in order to earn the coveted degree. Commencement exercises honoring graduates was held April 25.

An 11-year veteran of Librascope service, Seif started as an inspector, then worked seven years in Adjusting, and for the past 3½ years has been in Test Equipment.

Seif and his wife, Sally, and their three children, make their home in Canoga Park.

Former Librascope Employee is Santa Barbara Graduate

A graduation of special interest to Librascope employees occurred recently when the University of California, Santa Barbara conferred degrees upon 225 students recently; among them was former employee Mrs. Joy Hachtel.

Mrs. Hachtel was secretary to Hugh W. Smith in the Products Division for about two years. She left company service in 1965 after her marriage to Jim Hachtel.

The mother of two, Mrs. Hachtel was named outstanding graduate in business and received a faculty award.

Oct. 17 is Disneyland Night

Here's a note for your "future" calendar. Librascope's Disneyland Night has been scheduled for the evening of October 17th this year.

Unlimited use of the park from 8:00 pm until 1:00 in the morning for those participating in this event is assured.

The price for the evening, including parking, will be \$4.50. Further details will be forthcoming in future issues of the Librazette and on bulletin boards.

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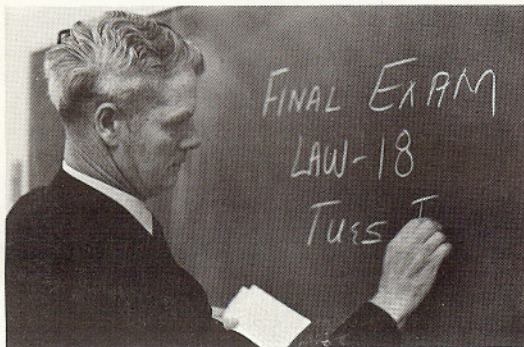


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