

July 1959

# PTD In New Home, Makes Bow As Librascope-Sunnyvale

A new chapter in the history of Librascope's Precision Technology department will be written next month, when the organization moves from its present cramped quarters in Livermore, into a brand new, tailor-made building with greatly expanded facilities in the modern new industrial section of Sunnyvale.

With this move Librascope's entry in the fast-developing space age technology will assume division status as Librascope - Sunnyvale, under its present director, Chief Engineer Carroll Maninger.

The occasion will be marked by a dinner for all staff members and their wives on Monday evening, Aug. 3, first day of scheduled operations in the new plant.

**Glendale Guests**

President Lewis W. Imm and Mrs. Imm will head a party of 12 planning to fly up from Glendale for the dinner. Others in the headquarters party: Vice-Pres and Mrs. M. L. Lindahl; Vice-Pres and Mrs. Don Webster; Ass't to the President Sid Briggs and Mrs. Briggs; Legal Counsel Ted Lassagne and

Mrs. Lassagne; Building Engineer Cliff Dahl and Mrs. Dahl and LIBRAZETTE editor Bill Keith and Mrs. Keith.

An open house at the plant for all

members of the Sunnyvale staff and their families is being planned for the following month.

The new building is 240 feet long and 100 feet wide, with a total

working space of 30,000 square feet. Its parking area, all of it close to various entrances, will be the envy of the Glendale visitors. There are 247 marked stalls!

**Another Milestone**

For PTD the shift to a new home marks another milestone in a career which began only six years ago when Librascope's corporate parent, General Precision Equipment Corp., organized it as Precision Technology, Inc.

Today, Librascope-Sunnyvale is a fast-growing name in several fields. Its engineers have developed the Exploding Bridge Wire method of setting off explosive charges, a safe and simple way which has application in rockets, guided missiles and space vehicles of the future.

**New Explosive**

Librascope-Sunnyvale has developed a new explosive, too, called Technite, which has several advantages over conventional explosive materials. Its electronic camera is a marvel which captures movement in micro-seconds. And its new proximity indicator is a device with such work-a-day abilities as scoring the accuracy of weapons in target practice — and the far-out function of sensing such traffic hazards as meteorites in the path of a space vehicle.



**NEW HOME** of Librascope-Sunnyvale, as it appears in artist's rendering of architect's drawing. The 30,000 square foot building sits on 3½ acres of land in modern, new industrial park section of Sunnyvale, is served by two freeways. Aug. 3 is first planned day of operation after move from Livermore.

# LIBRAZETTE

**LIBRASCOPE**  
A GENERAL PRECISION COMPANY

AN EXCHANGE OF NEWS AND KNOWLEDGE

Volume 7, No. 3 July, 1959



**LIBRASCOPE** played host last month to a distinguished group of naval guests, the officers and men of the fire control section of the USS Norfolk, shown here in front of Bldg. 3 with President Lewis W. Imm. The group met with members of the Shipboard Engineering staff, then toured the production line and watched the assembly of the many products that Librascope produces for the Navy. Later the visitors were guests of Mr. Imm at a luncheon in Burbank. (Earl Crawford photo)

## Personnel Dept. Files Disability Claims For You

Claims for unemployment compensation disability benefits should be filed with Maybelle McDonald, group insurance clerk in Personnel — not through physicians or the state employment department.

That's the advice from C. P. McKeague, personnel manager, who says that many Librascopers are unwittingly delaying their payments and duplicating the paper work by not taking the direct route.

"Librascope operates under the state's 'voluntary' plan. We act as the employee's agent in filing the claim and follow it up to make certain of quick action. In any event, the state sends all claims from Librascopers back to us for handling — because the insurance is placed by us with an outside insurance company — not with the state."

**Three Week Delay On Bonds**

U.S. Savings bonds purchased through payroll deductions are issued and mailed to the buyer by the Bank of America, Assistant Controller Mildred Huggins announced this month. Swamped by a flood of orders from Librascope and other firms, the bank is running about three weeks behind in its mailings — hence the delay that many Librascopers have experienced. The bank expects to correct the situation shortly.

**Aid Club Gives \$1,999 To Charity**

Librascopers gave \$1,999 from their collective pocketbooks to charity during July via payroll deductions to the Aid club. The club's board of directors authorized Secretary Evelyn Robideau to send checks for \$973 to the Multiple Sclerosis Society and \$1,026 to the Glendale Community Chest.

So far this year the Aid Club has disbursed \$13,015 to 12 charity groups selected by employees in annual balloting. Four others will receive a total of \$4,669 between now and the first of the year.

## Dancers Pick Officers; Make Season's Plans

The Precisioner-sponsored dance club held its organizational meeting June 24, elected a roster of four officers and drew up a program of activities for the summer and fall seasons.

Bob Robinson, Jr., was chosen president; Jim Marfin, vice president; Lenore Glasko was named secretary and Pauline Henry, treasurer. Ray Jewett is club adviser.

Club meetings and dance instruction classes will be held the first Wednesday evening of each month, and additional classes on alternate Monday evenings. A club party will be held once a month.

All scheduled events will be held in Jewett's dance studio at Lankershim and Van Nuys Boulevards in Van Nuys.

## Mid Year Report: See 1959 Business Total Beating Estimates By 5%

A six-months report on company business, covering sales, production and deliveries, reveals that Librascope's business volume is running at a hefty 5 per cent higher rate than the predictions made last December.

The year end total may go as high as \$33,500,000, instead of the estimated \$32,000,000. If attained — with all that this means in terms of continuous and increasing employment — the 33-million-plus figure would be almost double the \$18,500,000 in sales registered in 1958.

**Barnett Predicts**

The new predictions and all other figures in the report come from Ralph Barnett, director of military relations, who also revealed that Librascope's current backlog of unfilled orders is \$75,700,000, the highest it has ever been.

Should the unexpected rate of increase in current business continue — Librascope will have to make yet another upward revision of its plans for the future. Present plans are based on a forecast which envisions sales of \$51,000,000 in 1960, and \$62,500,000 in 1961.

**Conservative Estimates**

Company history indicates that predictions from Military Relations have been remarkably accurate — and usually on the conservative side.

Actual 1959 income as of June 30, according to Barnett, was \$14,500,000. Mostly involved were a new production run of Mark 5 attack directors for Bu Ord, APN equipment for GPL, BuAir CP-209 computers, Mark 140 amplifiers and Douglas view-finder contracts. These contracts carry over into the July-Dec. period, when they will be joined by Asroc and Polaris.

Dollar-volume from ASROC and POLARIS is expected to provide

## Librascope To Train More Apprentices

Librascope is expanding its machinist apprentice training program and at present has openings for two applicants, according to Training Coordinator Joe Schwarz.

Any employee, or non-employee between the ages of 18 and 27, is eligible to apply for admission to the four-year course, which is jointly sponsored by Librascope and the International Association of Machinists. Sole requirements are a high school diploma or equivalent and suitable aptitudes for becoming a journeyman in the trade.

Initially selected applicants will be given extensive aptitude tests. Those who pass the screening will be interviewed by Librascope's joint apprenticeship committee, which will make the final selection.

## Librascope To Exhibit Products At Wescon Show

Librascope will be one of the principal exhibitors at the Wescon electronics trade show in the Cow Palace at San Francisco, August 18-21. Virtually all divisions will have actual examples or models of their products on display.

The Burbank commercial division will introduce its new model plotter — the X-Y, Model 210 — an automatic data recording device for commercial or military use. Commercial also will show its analog-digital shaft encoders, and ball-and-disc integrators.

Precision Technology Division will display its newest development in fuzing devices, used by leading missile manufacturers to effect explosive separation of missile stages while in flight. Another P-T-D product to be shown is the Proximity Indicator, an electrostatic device to register nearness of objects, for use in missile testing or space vehicle operation.

Special Devices will display a scale model of the Air Traffic Control data processor, now under construction for the Federal Airways Administration.

And Airborne will show the ASN-24, its pioneer light-weight digital computer for aircraft and missile direction.

Representing Librascope at the show are, Dick Hastings, C. K. Krill, M. C. Hirsh, Jerry Braverman, Conrad Lagrasta and Fred Thiel, and from Burbank commercial division; Glen Seltzer and Paul Kennedy, personnel; Ken Slee, advertising; W. D. Cpray, Air-Eng and Dewey Nichols, Mil-Rel.





**SWEET REWARD** of a \$100 advance royalty check for her three-act play, is shown by Secretary Patti Kallunki to her chief, Training Director Walt Sertic. Patti has finished a second play and is working on a third. (Fred Beindorf photo)

## "Girl Friday" Sells First Play; Gets \$100 Check

A dramatic fledgling hatched four years ago in a church playwriting contest, came flying home with a check in its bill this month for Patti Kallunki, secretary to Walt Sertic, personnel training director.

The check — for \$100 — was from the Eldridge Publishing company of Franklin, Ohio, and represents advance royalties for professional and non-professional production of "Sidney", a three-act play about a teen-aged tomboy.

"Sidney" already had earned another \$100 for Patti, by winning second prize in a Mormon church contest for young people's plays. The play has had over 50 productions by church groups throughout the United States.

Patti, who combines playwriting with marriage, motherhood (she has an 11-months old daughter, Tomi Gail) and her job with Librascope, has completed another play and is half-way through a third. And to complete the dramatic picture husband Tom Kallunki is a well-known actor in Glendale little theatre circles, who recently has ventured successfully into the professional acting field via television.

## James L. Snell Joins Glendale Mil-Rel Staff

Appointment of James L. Snell as a senior military relations representative, was announced this month by Ed Quilter, manager of Librascope's Glendale military relations office.



A graduate of Glendale and Occidental colleges who also has studied at UCLA, USC and Northwestern university, Snell came to Librascope from Cooper Development

Corp in Monrovia, where he was contracts and planning engineer. He also has served as a project engineer at Cal-Tech's Jet Propulsion Laboratory in Pasadena.

Snell is a Navy veteran of World War II, serving as a combat information center officer and fighter director. He is married, the father of four youngsters and makes his home in Glendale.

## The Librazette

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**Editor** Bill Keith  
**Art Editor** Photographers  
Keith Kinnaird Lee Duggan and  
Earl Crawford  
Photographic layouts by Paul Kane

### No Alley Parking

Glendale policemen take a dim view of using the alley flanking Bldg. 10 on Sonora street as a parking lot. One of Librascope's engineering staff, with a visitor in tow, left his car there one day this month, returned to find a \$5 parking violation ticket on his windshield.

## Precisioneer Dance Tickets On Sale Now

The Precisioneers' Fall Dance on Aug. 15 at the famous Huntington-Sheraton hotel in Pasadena, subtitled "An Evening Under the Stars," promises to be a gala affair, says Chairman Chuck Brennaun.

"It's going to be cool, colorful — and comfortable," says Brennaun, who also doubles as press agent, as he ticked off the reasons why Librascope should rush to buy tickets. "The location is in the lap of luxury — what could be more plush than the Huntington-Sheraton?"

### Lambent Waters

"And the setting! Out in the twinkling stars, in the very heart of the famous Pool Gardens with their lush background of rare and luxuriant flowers and greenery. A dance floor encircling a pool of cerulean blue and music by Carroll Wax's syncopated symphony floating over lambent waters to the devotees of terpsichore. And brightly colored lights glow — but softly, illuminating the romantic scene, aided by the harvest moon.

"We have provided for everything but the right gal — or guy — for the occasion. Please bring your own.

"Also, please bring \$1.50 for yourself and your date. Better yet, see your Precisioneer building representative July 31 or thereafter and get your tickets from him.

"Dress will be informal. The hours — 8:30 to 12 midnight."

## Shutter Clique Holds Employee Pix Contest

Members of the Shutter Clique, a group of Librascope's interested in photography, are sponsoring a camera contest open to all fellow employees — except members of the Clique. There will be prizes in three categories. The contest closes Oct. 1 and the winners will be announced Nov. 1.

Subject matter for the entries — your vacation. Scenery, wildlife, kids at play and sundry other subjects, all are eligible for the contest. Clique president Sam Zarkin, Toolroom, invites contest entrants to submit black and white prints, black and white or color slides.

Prizes will be awarded to the best entry — print or slide — to the best black and white slide and the best color slide. Judges will be members of the Clique. Details as to entry blanks, where to submit entries will be posted on plant bulletin boards later this month.

### Somebody Got Your Number

Numbered parking spaces should be used only by those employees to whom they have been assigned, says Chief Guard Charlie Myers. The chain reaction caused by trespass creates unnecessary inconvenience and delay. Report the infraction to the nearest guard — and take an un-numbered space elsewhere — says Myers.

## Name Bill Bell Company's 1st Gen-Auditor

Bill Bell, accountant, adviser to the Aid Club, counselor to the Precisioneers' board of directors, Junior Achievement sponsor, a familiar face and voice at Toastmaster meetings and, until recently, the firm's internal auditor, is now Librascope's new — and first — general auditor. The financial watchdog is one of the senior members on the staff of Assistant Controller Norm Stevens.

A graduate of USC with a B.S. degree in industrial management and accounting,

Bill also absorbed a lot of mathematics at Illinois Institute of Technology. He is a native of Pittsburg, Kas., who also called Oak Park, Ill., his home before migrating to California. He now makes his home with wife and two young sons in La Canada.

Bill came to Librascope eight years after serving as an accountant for several Los Angeles firms and, while going to college, as a salesman in downtown department stores. He acquired some of the tireless patience an auditor needs as an aerial cartographer and map mosaicer with the Air Force in World War II.

A map mosaicer is the man who puts the pieces of a map together to form the complete picture. And that's what Bill does now with the facts and figures of business operation.



**NEW LIBRASCOPEERS**, part of the company's ever-growing staff of professionals, pose for the LIBRAZETTE's news camera after recent orientation session. All are recent graduates of leading

colleges and universities. Group heard talks about company history and future plans from Chief Engineer Don Webster, Ass't to the President Sid Briggs and Employment Manager Glenn Seltzer. (Earl Crawford photo)

## Burbank Division Sells First Libratrol-500

First sale of a Libratrol 500, Librascope's digital computer for process control operations, was reported this month by Dick Hastings, general manager of the Burbank commercial division.

The \$85,000 device, now in final stages of assembly, was bought by the Public Service Company of Colorado, a natural gas distributing firm with headquarters in Denver.

According to Hastings, the Libratrol installation will be the first of its kind in the gas distribution industry and the customer expects it to pay for itself by increasing the capacity of the work force.

### Other Savings

There will be other savings, too, Hastings pointed out. "The computer actually will only have to work 10 minutes out of each hour to perform its principal function," he said. "Public Service expects to use the computer's free time in solving engineering problems. Later on they may use it in industrial billing operations."

The Libratrol-500 was developed by the Commercial department of Librascope's engineering division, under the direction of Project Manager Joe Afor. Systems Engineer Hugh Jacobson and Charles Slack designed the Public Service Company system and expect to have it ready for installation in Sept. Mathematician Joe Donegan is preparing the computer program training course to be launched at the Burbank plant Aug. 3 for the utility company's engineers.

### Integral Part

As explained by Afor, the Libratrol-500 will become an integral part of the utility's system for moving the gas from three widely-separated and distant gas fields through a network of pipelines into the gas mains of the cities and industrial plants it serves.

The computer will be hooked into the company's existing telemetering system which feeds data from pipeline pumping stations and 15 metering stations throughout Colorado over a system of leased wires into operating headquarters in Denver. As of now, Afor says, a dispatcher spends 45 minutes of each hour reading 55 separate graph recordings of this data and processing it with a desk calculator. The Libratrol-500 will do these menial chores for the dispatcher in less than 10 minutes.

Project manager Afor, Jacobson and Engineering Associate Henry Deutsch will go to Denver to supervise the installation and put the computer through its first weeks of operation.

### Solana Beach Field Office

Librascope has leased a 2,000 square foot office and light manufacturing type building at 132 North Acacia avenue in Solana Beach, north of San Diego. Present plans are to use the structure as a field office for engineers and other members of the staff who visit the Convair plants and Navy installations on company business.

## Promote Three In Prod-Eng, Spec-Devices

Frank T. Copple, Production Engineering, has been promoted to Project Supervisor by Rudy Reider, head of Prod-Eng and Lab Services. A former Marine radar technician, Frank joined Librascope in 1950



with a two-fold objective; a future with the company and getting a college degree to make the future possible. Working the nights shifts in the machine shop, Frank took full-time courses at UCLA, graduating with a B.S. in production management in 1953. Meanwhile, he had progressed from a drill press to a boring machine, then to leadman in jig-boring. Upon graduation he was named a methods analyst; later he was promoted to methods engineer and then to production engineer. This assignment was the springboard to his new job.

A native Angeleno, Frank lives in Panorama City. He is married and the father of a daughter, Cheryl, who is 9, and Robert, 7. He also is the proud supporter of a high-heeled sports car — an Austin-Healey — and an entrant in every rally for miles around.

Bob Clark, a staff military advisor with Special Devices since joining Librascope in Jan. 1958, has been appointed assistant to Les Bentley, chief engineer of the department. He will have charge of departmental administration of non-technical matters.

A former Colonel in the Army Ordnance Corps, Bob went into reserve status in 1957 after 16 years of active duty in the states and overseas. He was one of the original members of the Ohio State Highway patrol, a member of that group's CID section and a long-time official of the International Association of Chiefs of Police.

Prior to joining the Army he served as a special assistant to the Secretary of War on defense plant highway planning and military safety at Ohio State University and Northwestern University.

Now living in Glendale, Bob is married and the father of two daughters.

Jim Russell, administrative assistant in Special Devices, has moved up to the post of staff military advisor to succeed Bob Clark. Russell, a native of Springfield, Mo., retired from the Army as a Lieut-Col three months ago, closing out a career which began when he enlisted in the cavalry in 1934.



A veteran of overseas service in Europe during World War II, who also took part in the Korean campaign, Russell was serving as a procurement officer and contract negotiator with the Los Angeles Ordnance District when he retired.

Russell, who is married and the father of five, lives in Covina.

Be sure to tune in Librascope's radio program, "You and Your Future," with Gene Emmet Clark. It's heard over KBIG and KIEV every weekday morning at 6:45 o'clock.



## Quality Control Appointees



Bill Hibbard

Departmental expansion and reorganization brought promotion and new duties to two Quality Control engineers this month.

QC manager Dave Harrison appointed Bill Hibbard, who joined Librascope last January, as his technical assistant and Don Derrington, a six-year veteran with the company, as administrative assistant.

Hibbard came to Librascope from the Alectra division of Consolidated Electrodynamics, where



Don Derrington

he was quality control manager. He previously had been with Convair. Originally from Woodstock, Ill., he now makes his home in Upland, Los Angeles City College and UCLA are his alma maters.

Derrington joined Librascope as an engineering draftsman after a stint in the Army and prepared for his profession by attending the University of Colorado and Glendale College. He's a native of Colorado Springs who now calls La Canada home.

## New Building Construction Meets Delays

Construction of Librascope's new Production and Engineering buildings is proceeding close to schedule, despite unexpected difficulties encountered in excavating for the huge supporting caissons. Loose soil in some portions of the Sonora Street site, huge rocks at the Francis Court location, says Building Engineer Cliff Dahl, forced the contractors to dig larger holes and pour considerably more concrete than they had planned.

For the Sonora Street building, Bibb, Remmen & Bibb, general contractors, sank 153 caissons to an average depth of 20 feet. All have been poured, as have the foundation wall and footings and the walls of the basement and power vault. Sub-surface plumbing and electrical conduit have been laid.

Pouring of the concrete floor, casting of the concrete roof sections and supporting columns, lifting of the roof sections into place and laying of the brick walls is scheduled for the month of August.

The Engineering building's caissons have been sunk and poured and the slab and plumbing are in. The concrete walls and their reinforcement for August are casting of ing, supporting columns, and the installation of steel roof girders.

Both buildings are scheduled to be ready for occupancy by November.

## Shipboard Promotes Three To Project-Engs

William H. Foster, who joined Shipboard Engineering March 13 as a senior engineer, has been promoted to project manager. A Physics-Math graduate of UCLA, Foster came to Librascope from Aerojet-General in Azusa.



lege.

Married and the father of two—Ellen Jean, 4, and Steven Hale, 1 year old—Foster lives in West Covina and is probably Librascope's only aerial commuter. He has been flying his Piper Tri-Pacer into Grand Central every morning since he started here.

## Competition Display Wares At Paris Show

International competition in the electronic computer field is developing rapidly. Many of the foreign entrants in the field are at least equal to United States manufacturers in design and quality. In some cases their know-how surpasses ours, and several are pioneering in design areas not yet touched by U.S. firms.

These are conclusions drawn by Ken Slee, Librascope's public relations and advertising director, from what he saw at the Auto Math International Exhibition of information-processing equipment in Paris June 13-23. Leading firms from this country, England, France, Germany, Sweden, Italy and Japan had their latest products on view.

Another Librascope observer was Lothar Schmidt of Airborne, who read a technical paper before the gathering on the ATC Data Processor which Special Devices is building for the Federal Airways Administration.

### "Like First Sputnik"

"Seeing machines of such advanced design, high quality workmanship and complexity, hit me with something like the impact of the first Sputnik," Slee told LIBRAZETTE. "Here, for the first time anywhere, one could observe actual technical equipment on a comparative basis and see that the United States is not the only country with the know-how to produce advanced computer equipment. It was proof that other countries are now ready to compete in the world market."

### Novel Ideas

Slee said that most of the equipment shown featured novel and original ideas and that the Japanese products appeared to be the leaders in these departments. All Japanese computers used a new logic and memory device called a "parametron," he said, of great stability and capable of withstanding wide temperature changes. Most of the Japanese computers had their own input and output equipment as part of the complete data processing package. Core memory devices were featured in most of the computers, while other used magnetic storage drums.

## Precisioneer Calendar

Aug. 15—Fall Dance, Huntington-Sheraton Hotel

Dec. 19—Children's Christmas Party

Dec. 26—Annual Christmas Dinner Dance, Sportsmen's Lodge

## New Faces In Personnel Department



Fred McMullin

Librascope's ever-growing work force brought three new additions to the employment section of Personnel this month, according to C. P. McKeague, personnel manager.

Fred S. McMullin has joined the staff of Employment Manager Glen Seltzer as technical assistant responsible for recruiting professional employees. A veteran in that field, McMullin has previously been with Lockheed and Hughes Aircraft. Before shifting to personnel work he was a systems and procedure engineer, and a test facilities and quality control engineer with large industrial firms.

McMullin, a native of Rock Island, Ill., makes his home in Ful-



Charles Talbot

erton. He was a World War II air force navigator.

Another addition to Seltzer's staff is Charles E. Talbot, who brings a background of hiring and training experience to his new assignment. He formerly taught material handling procedures for a Chicago management consultant firm, was fleet automotive director for the Good Humor Corp., was employment manager for another firm, is experienced in insurance and claim adjusting.

Talbot will be administrative assistant to Seltzer and will handle unemployment insurance claims, prepare newspaper advertising



EDWARD MASON newly graduated general machinist journeyman, receives gift of handbook from Harlan Buseth, production manager (L) and his journeyman's certificate from Vice-President M. L. "Lindy" Lindahl (R) at recent luncheon honoring Mason and fellow Librascope apprentices. (Earl Crawford photo)



WALTER C. HENDRIX, newly appointed by Galen Mannan to be Supervisor of Reproduction in engineering blue printing, carries an even more imposing title in his home town of Duarte, Walt is mayor of that thriving San Gabriel valley city, which is so prosperous that it levies no taxes on private dwellings!

## Munzig Leaves Burbank To Head Own Import Firm

Art Munzig, sales manager of Librascope's commercial division in Burbank, resigned July 15, to give full time to his growing import firm and sales consulting service. He had held the post for the past one and a half years and came to Librascope from a similar position with Epsco, Inc., of Boston.

Jerry Braverman, market analyst for the commercial division, has been named Sales Administrator by General Manager Dick Hastings, and will have charge of bids and quotations, contract administration, and marketing. Hastings has added customer contact and negotiations to his personal portfolio.

Commercial sales will expand its staff of sales engineers shortly, Hastings said. Division personnel manager Maury Kimmel is currently interviewing applicants.

## Company Wins Praise From Union Leader

Leland Hewitt, business agent for Precision Lodge 1600 of the International Association of Machinists, this month lauded Librascope for being one of a very few firms in the Valley to sponsor an apprentice training program.

"It takes time and money to run an apprentice program and many companies refuse to make that investment," Hewitt said. "But Librascope has always been a wholehearted supporter of apprentice training. The company deserves to be commended for its attitude."

Occasion for Hewitt's remarks was a luncheon at Burbank's Smokehouse restaurant in honor of Edward Mason, who had just completed his four years of training. M. L. "Lindy" Lindahl, executive vice president, presented Mason with his journeyman's machinist certificate and Harlan Buseth, Production manager, on behalf of the apprentice committee, presented him with a copy of Machinery's Handbook.

### Other Speakers

Other speakers on the program included Walt Sertic, training director, Joe Schwarz, training coordinator, Bill Munter of the California Dept. of Industrial Relations, Edwin Thomsen, of the L.A. public schools apprentice program and Charlie Cole, chairman of Librascope's apprentice committee.

Guests included Mason's fellow apprentices, Gene Rogers, Bob Greer, Paul Bevis, Dave Blevins, Jerry Kinnan and John Briggs, Mac McKeague, personnel manager, Ralph Riley and Al Fonseca, union representatives on the apprentice committee, Tom Flaherty, labor relations representative for Librascope, Sid Briggs, assistant to President Lewis Imm and Max Mennen, IAM chief steward.

## Payroll Nears 3000 With June Hirings; Still Need Engineers

Employment continued to climb in all Librascope divisions during June, according to C. P. McKeague, personnel manager. The total payroll figure rose to 2,818, an increase of 184 over May. Glendale headquarters registered the largest gain, from 2,288 to 2,432. Burbank increased its force from 249 to 280 and Librascope-Sunnyvale went from 97 to 106.

Virtually all technical departments are still seeking qualified technicians and engineers, McKeague reported. He urged all Librascopers to continue their efforts to recruit new talent.

### CREDIT UNION HOURS

11:30 a.m. to 12:30 p.m.

4:00 p.m. to 4:45 p.m.

Monday through Friday



# Bowlers Break 13-Year Score At San Jose

by Fred Killips

The Precisioneer doubles team of Bill Goeppinger and Chuck Breuer broke all records in the 13-year history of the California State Bowling tournament July 11, when they racked up a total of 1,390 pins in three games. Their score beat the old record, set in 1946, by 22 pins.

The record total was 42 pins better than their nearest competition has scored this year and if it holds up will bring the Librascope pair a neat \$600 first place money. And, on the basis of their other performances in the singles, all-events and five-man team competitions, they could win as much as \$1,150! The tournament, under way since April at San Jose, ends Aug. 9.

## Third Highest

Goeppinger scored third highest so far in the all-events category, with 2,076 pins for nine games.

The five man team of Goeppinger, Breuer, Carl Culver, Jr., Summy Somerfield and the writer knocked over 3,065 pins in the five-man team competition, with Breuer bowling seven strikes in a row for a 257 average. We think we have a good chance at one of the top prizes.

## Quiz Without Numbers

(Ed Quilter, manager of Military Relations' Glendale office, drew up this quiz. It's a test of thinking capacity. We offer it to people who are curious about themselves).

- 1) A mobius strip is a one-sided piece of paper. A klein bottle is a container with only one surface. Make a klein bottle out of two mobius strips.
- 2) Bisect a cube with a plane perpendicular to a line from one corner to the opposite corner. What will be the shape of the surface formed by this cut?
- 3) State a theorem which proves or disproves that each slice in a ham sandwich can be exactly bisected by a single stroke of the knife.
- 4) Count the rows of cusps on a pine cone, going clockwise. Now count them counter-clockwise. Why do the answers not agree?
- 5) A balloon is inflated with water. If it is pricked with a pin, will there be a small stream of water, a gush, or a collapse of the water?

# Libra Sport News



LIBRASCOPE'S league leading Precisioneer softball team lines up for the news cameras, before a recent game in the A-Minor league competition sponsored by the Burbank Recreation department. Back row, left to right: Business manager Charlie McKallor, players Sam Houchin, Tom Fletcher, Neil Hinton, Don Mit-

chell, Steve Smith, and "team father" Trent Albizati, a wicked man with the fungo bat in fielding practice. Front row, left to right: Manager Al Aikins, bat boys Danny and Mickey Fido, their Dad, catcher-pitcher Joe Fido, Jim Fallet, Art Moreno, Tony Noriega and Ken Peltier. (Earl Crawford photo)

# Precisioneers Lead In Race For Pennant

By Charlie McKallor

Two was the magic number spelling victory for the Precisioneers in their drive for a second successive softball championship, as LIBRAZETTE went to press.

The Precisioneers lead the Burbank Parks A Major league by two games, with a 10-3 won and lost record. They have a two-game edge over second place Bendix-West Coast, who stand at 8-5. Each team has three games left on its schedule.

Two more games in the win column will do the trick for the Precisioneers, even if Bendix wins all three of its remaining games. Two losses by Bendix would have the same result, even if the Precisioneers were to lose all three of their games.

But Manager Al Aikins' stars are not planning to coast in to victory. They expect to cop the pennant by beating the competition with their own diamond play. And it could be that the race will be decided on the final day of the season, when the Precisioneers take on the Bendix team again.

That game will be held Monday night, August 3, on Diamond No. 3 at Olive recreation center, Burbank. The game starts at 8:30. See you there!

# Golf Season In Windup; Hesperia Tournament Next

With the seventh play period already under way, the 1959 golf club season is rapidly nearing its end and the players and club officers are looking forward to the annual tournament on Sept. 13, to be held at the Hesperia Country Club.

Carl Culver, Jr., tournament chairman, expects 120 entries for the tournament.

The seventh period ends Aug. 9. The eighth and final starts Aug. 10 and ends Aug. 23.

Competition this year has been keener than ever before, according to club secretary Howard Miller, and more players are taking part. However, many team standings do not reflect the competitive worth of their members, Miller said, because numerous individuals have been unable to play their rounds.

"You might say that they've had to sacrifice their reputations on the altar of overtime," Miller said, "in order to keep Librascope's customers happy."

Miller predicts some drastic changes in the standings once the behind-schedule players get out on the course.



POSTER featuring a ruined \$3,000-dollar circuit board, is examined by Jim Clark, supervisor, Cost-Est, and Carolyn Horton, Document Control. Clark authored the poster's caption, "Small package, Large

cost, Broken piece, All is lost." Poster will travel throughout plant to lend point to campaign for careful handling.

(Earl Crawford photo)



GOOD LUCK cake was presented to Ralph Barnett, director of military relations, by members of his Glendale staff, at party last month marking his move to new Washington headquarters. Cake and gallons of coffee, were promptly consumed by the guests. (Earl Crawford photo)

**Librascope, Inc.**  
808 Western Avenue  
Glendale 1, Calif.  
**First Class Matter**