

NARY A SCRATCH—Don Sillars, Machinist, Milling Machine, is one of a good many journeymen machinists at Librascope who has operated various machines for five years or more without having had an accident. The right work habits and a constant awareness of safe practices on the part of all persons has helped Librascope maintain a generally high safety record.

Librascope Wins Fourth Place In Regional Safety Ratings

Librascope has earned a fourth place rating in the Eleventh Annual Business and Industry Safety Contest, (1959), sponsored by the Greater Los Angeles Chapter, National Safety Council, according to Safety Chairman Wayne Strong.

However, the company has slipped down a notch from the third place rating it formerly held. And the recent frequency of accidents indicates that our 1960 record could be jeopardized by year's end.

DURING 1959, for every million man hours worked, we had 1.5 lost time injuries," says Strong.

"This is well below the national average (2.77) for companies in our field," he says, "and it is slightly below the average lost time frequency rate for the Greater Los Angeles Area (1.69).

"However, in both 1958 and 1957 we won third place safety awards in the Los Angeles area competition.

"While our safety practices are generally good, we can improve—and we can certainly climb back up into the top three rating if we try.

"FOR THE FIRST two months of this year, we have had no lost time injuries. But during the week of February 2-27 we had a total of four accidents — accidents that perhaps could have been prevented through the exercise of proper precautions and preventive measures."

LIBRAZETTE recently toured the plant with Safety Chairman

Strong, seeking insight into accidents, and seeking information on how they can best be prevented.

In the machine shop, the safety chairman asked foreman John Buckens, "who has worked for five years or more without an accident?"

MANY OF OUR machinists have compiled accident free records over the years, Buckens noted; and closest by on this occasion was Don Sillars, Machinist, Milling Machine.

Here are Sillars thoughts on Safety:

"To me, safety comes even before production. If you haven't got safety, you won't be around long enough to have anything else . . ."

Sillars said that, in his opinion, nine out of ten accidents resulted from "trying to hurry . . . trying to take a shortcut . . ."

HE ALSO DECLARED, "You've got to have the right work habits to safely operate any machine . . ."

"Once you learn how to do something the right way, and do it that way over and over again, then you shouldn't have an accident," he said.

With these views, Strong heartily concurs.

And he suggests, "If you know safety, think safety, and practice safety, then you will in fact be safe.

"You can then look forward to years of production without an accident."

Shuttle Bus Service Links All Glendale, Burbank Plants

A new shuttle bus service, linking all Glendale and Burbank plants with one another, began Monday, March 7, according to Bill Greer, Supervisor of Office Services.

The bus now makes two trips, one "short," the other "long," and operates on 15 minute and 30 minute headways, respectively.

The "short" trip originates at Building 16, Francis Court, and links these Glendale buildings in this order: 16; 7; 21; 17; 10; 5; 1; and 3.

The "long" trip also originates at Building 16. It duplicates the

above portion of the route, but also extends to Burbank Buildings 15, 8, and 9, in that order.

Round trip time for the short trip is fifteen minutes, for the long trip, a half hour.

"It is hoped that all persons travelling between buildings will use this bus service instead of their personal cars.

"Parking spaces, both for visitors and for company personnel, are at a premium; and the use of the shuttle should, in the long run, save both time and money for all concerned," Greer emphasizes.



Vol. 18, No. 8

March, 1960

GPE Sales Reach Record High; Sharp Increase Occurs in 1959

Divisional Plants Now Designated As Branches

When Librascope became a division of General Precision, Inc., on Jan. 1, 1960, some ambiguity resulted in the designations of our various plants in different parts of the state and elsewhere.

SID BRIGGS, Assistant to the President, reports that we have now agreed to term our various California operations "branches" of the Librascope Division.

This has been done in order to avoid creating anomalous or confusing divisions within the Division.

Henceforth, "Librascope-Sunnyvale" will be known as "Sunnyvale Branch;" "Burbank Division" becomes "Burbank Branch;" and "Glendale Division" is changed to "Glendale Branch."

ALL BRANCHES, of course, remain integral units of the Librascope Division, General Precision, Inc.

However, our Puerto Rico operation will continue to be known by its corporate name, "Librascope, PR," since it is a separate company.

Military Relations will continue to operate its "Offices" in Glendale, Washington, D.C., Dayton, Ohio, and Huntsville, Alabama.

SAC-5 Shipped to U.S. Navy

Completed units of SAC-5, a special purpose communication device, have been shipped to a U.S. Navy installation, according to Les Bentley, Chief Engineer, Special Devices.

The final increment of the SAC-5, an engineering prototype, was shipped March 1, and will undergo further testing by Navy personnel before being installed.

A classified project, SAC-5 represents "a unique approach to a difficult problem," says Bentley.

Ralph Barnett Named Manager, Eastern Branch

Ralph Barnett, Director Military Relations, and Manager of the Washington Office, has been named Manager of the Eastern Branch of Librascope Division, according to Bill Bratton, Executive Vice President.

In this capacity, Barnett now has the responsibility for maintaining close contact with General Precision's New York Headquarters, and for performing liaison between GP and Librascope Division.

Shipboard Delivers ASROC Computers

Two ASROC fire control digital computers were recently delivered to the U.S. Navy, reports Myron Prevatte, Director of Project Engineering in Shipboard.

One of the computers was the first of its type ever to be installed aboard a fighting ship.

"We're proud of our accomplishment," says Prevatte, "and of the teamwork which involved several representatives of NOTS, Pasadena, and Minneapolis-Honeywell, as well as our own group."

James Paquin, Project Manager, was in charge of the electrical design on the ASROC computers; and Robert Simpson handled the mechanical design.

General Precision Equipment Corporation's 1959 dollar sales reached a total of \$215,588,430, according to J. W. Murray, Board Chairman.

THE FIGURE represents a record high, Murray said, and it is 28% above 1958's sales total. In addition, net income of the corporation increased sharply in 1959.

Net income for 1959 was \$4,198,199 as contrasted with \$304,267 for 1958. These earnings were equivalent to \$2.63 per share of common stock after deducting dividends paid on the preferred and preference stock.

(There were no earnings on the common stock in 1958 after payment of preferred and preference dividends).

Smith pointed out that earnings for the fourth quarter of 1959 were \$1,154,571 — equivalent to \$0.72 per common share of stock—as compared to no earnings on the common stock for the fourth quarter of 1958.

FOURTH QUARTER SALES in 1959 also showed a 30% increase over sales for the corresponding quarter of 1958.

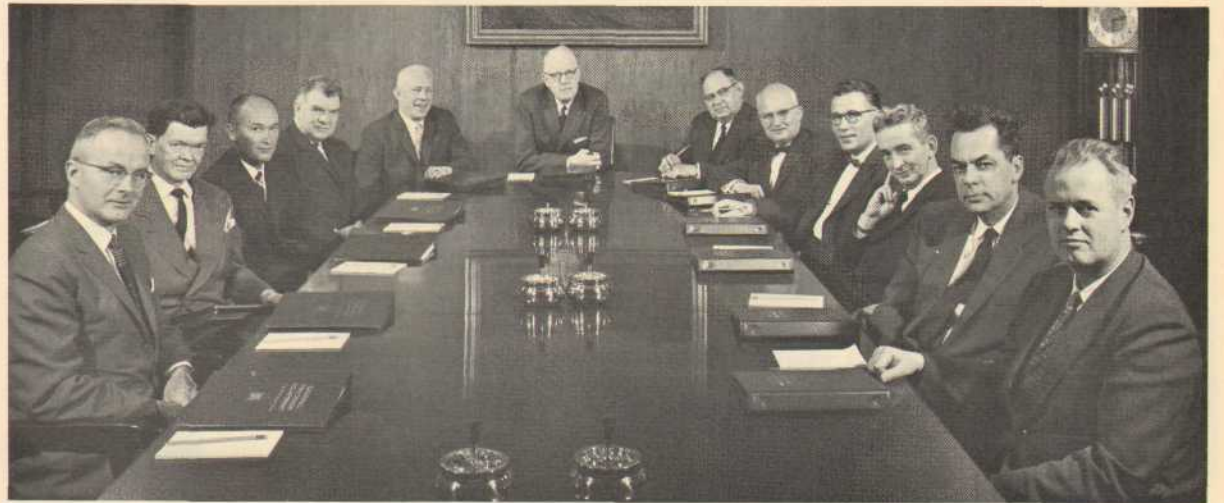
GPE's board of directors has voted a dividend of \$0.25 per common share, payable March 15, 1960, to stockholders of record February 26, 1960. The dividend is in addition to regular quarterly dividends on outstanding preferred and preference stocks.

A dividend payment in the same amount was also declared on Dec. 15, 1959.

General Precision Equipment Corporation is the parent company of General Precision, Inc., which in turn is comprised of the General Precision Laboratory, Kearfott, Librascope and Link divisions.

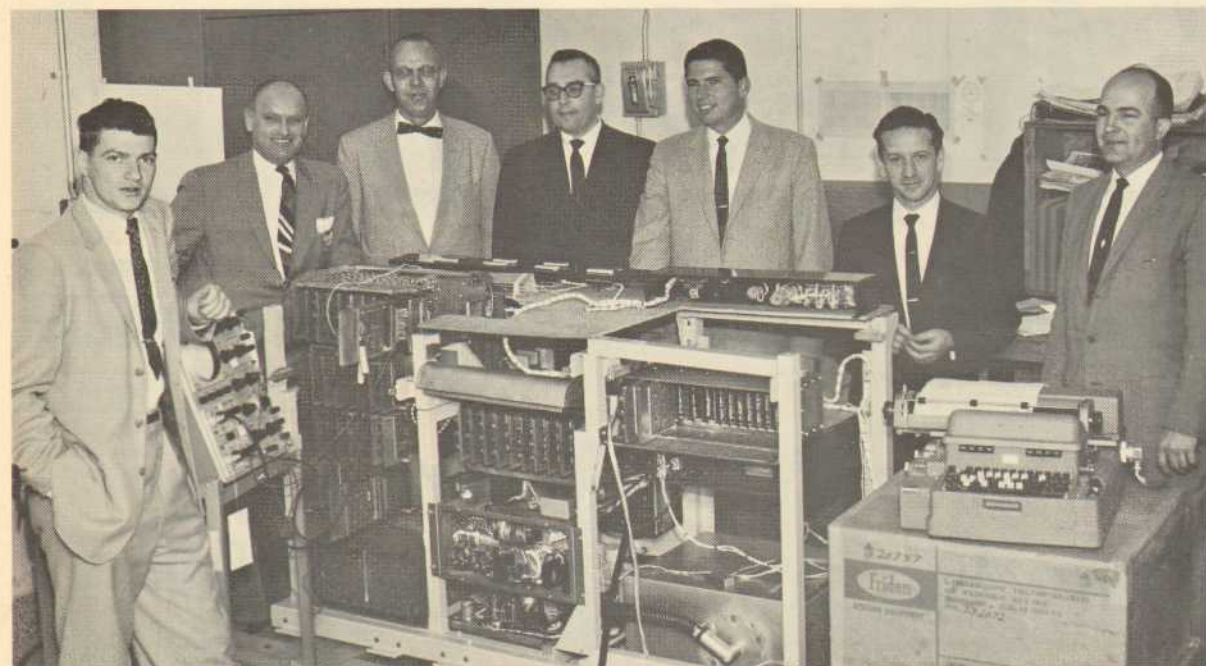
Lewis W. Imm, President of Librascope Division, General Precision, Inc., has been named Chairman of the Junior Achievement District Council for the Northwest Los Angeles County area, according to Harlan W. Holmwood, President of Junior Achievement in Southern California.

Imm is a member of the Board of Directors of Junior Achievement, and has been active in the program since 1956.



BOARD OF DIRECTORS—Shown above are the members of the board of General Precision, Inc. It is an operating board composed of management persons from each of the corporation's four divisions and the officers of GPI. From left to right, they are: D. D. Mason, President, Link Division; T. D. Bannon, Vice President, Finance & Treasurer, GPI; W. E. Bratton, Executive Vice President, Librascope; L. W. Imm, President, Librascope; D. W.

Smith, President, GPI; J. W. Murray, Chairman of the Board, GPI; R. L. Garman, Vice President, Engineering & Research, GPI; F. D. Herbert, Jr., President, Kearfott Division; R. N. Brown, Vice President & General Manager, Kearfott Division; W. P. Hilliard, Vice President & General Manager, GPL Division; R. W. Lee, President, GPL Division; and E. B. Henley, Jr., Secretary, GPI.



MISSILE CHECKOUT—Gathered around the Libratrol-500 which Frankford Arsenal, Philadelphia, has purchased from Burbank Branch for missile checkout functions are three members of an Arsenal team as well as Librascope personnel. From left to right, they are: Tom Price, Engineering Technician

(Frankford); Art Westburg, Military Relations, Washington Office; Hugh Jacobson, Manager, System Sales; Ed Lubin, Engineering Designer (Frankford); Joe Ator, Director, Industrial Systems Department; Ed Wreen, Electronic Technician (Frankford); and Paul Askren, Senior Systems Engineer.

Sunnyvale Lab To Test Missile Components

The newly completed environmental laboratory at Librascope's Sunnyvale Branch — which contains some \$100,000 worth of special equipment — will soon test guided missile components by recreating extreme conditions of temperature, shock and vibration, according to Senior Mechanical Engineer Clarence Ahlstrom.

The lab's larger devices include

a random noise vibration console with an available force of 1500 pounds, and two, 30 cubic feet temperature-humidity chambers.

In addition, there are salt spray and altitude chambers, special ordnance test machines, and a shock machine.

The new environmental lab is part of Ted Parker's Quality Control Department.

Greer Awarded Journeyman's Certificate At Honor Luncheon

Bob Greer of the Model Shop, who completed his four year machinist apprentice training last month, was honored March 4 with a "graduation luncheon" by the company.

VICE PRESIDENT and Glendale Branch Manager Don Webster presented Greer with his hard-earned journeyman's certificate and Harlan Buseth, Production Manager, acting for the apprentice committee, gave the new journeyman a copy of the "Machinery Handbook," an authoritative reference work for machinists.

Webster observed in his speech of presentation that the journeyman's certificate was something he would be proud to own . . . that it was proof of knowledge well-earned.

HONORED with Greer were his fellow apprentices, Paul Bevis, Dave Blevins, John Briggs, Art Colton, Bill Coulter, Jerry Kinnan, Gene Lyon, Anton Schneider and Gene Rogers.

Master of ceremonies was Charlie Cole, head of the Model Shop and Chairman of the joint management-labor apprentice committee.

Short talks were given by William Munter, Apprenticeship Consultant for the State Department of Industrial Relations and Ed Thomsen, of the L.A. public school's apprentice division.

Others present included Sid Briggs, Assistant to the President; Personnel Manager C. P. McKeague, Tom Flaherty, Librascope Labor Relations Representative; Al Fonseca and Ralph Riley, IAM representatives on the apprentice committee; General Foreman Lloyd Somerfield, head of the machine shops; Max Mennen, Senior IAM Plant Steward.

Also, Harold Compton, Training, secretary of the apprentice committee; Walt Sertic, training director; and Joe Schwarz, training coordinator.



New apprentice grad Bob Greer, center, poses with Vice President and Glendale Branch manager Don Webster, at left, and Production Manager Harlan Buseth, after luncheon honoring Greer and his fellow apprentices. Webster holds certificate proclaiming Greer as a full-fledged journeyman machinist; Buseth presented the apprentice committee's gift, a copy of "Machinery Handbook."



HOW IT WAS DONE — Marty O'Neill, Supervisor, Technical Services Group in Special Devices, recounts money-saving results achieved by the department when IBM data processing was used to solve various problems of circuit design and application. Translating various symbolic characters into four digit numbers, said O'Neill in a recent engineering seminar, made it possible to: (1) eliminate duplication of symbols by logical designer; (2) prevent building of units which duplicate one another; and (3), in one case, eliminated from one circuit 450 transistors that were redundant.

Hugh Jacobson Now Manager of System Sales

Hugh Jacobson has been promoted to Manager of Systems Sales in the Industrial Systems department of the Burbank Branch, according to Joe Ator, Director.

"In this capacity, Jacobson will assist in our national sales effort on the Libratrol computers," Ator reports.

Jacobson came to Librascope in June, 1958.

Because of his significant contributions to the design of the Libratrol computers, he will also continue to have engineering responsibilities in this area, Ator adds.

Before joining Librascope, Jacobson was project chief at Consolidated Electrodynamics. His BSEE degree is from the University of Denver.



Company Inaugurates Management Workshop

A management workshop program, designed to apprise our company leaders of the latest developments and trends in managerial technique, has been inaugurated here.

Draper Appointed Consultant To General Precision

Professor Charles Stark Draper, chief of MIT's department of Aeronautics and Astronautics, has been appointed guidance and control consultant to General Precision, Inc. He will consult with any of the company's four divisions (GPL, Kearfott, Link, and Librascope), announced G. P. President Don Smith.

Recently, Dr. Draper has been acclaimed for his pioneering work in the field of inertial navigation for manned aircraft, missiles, and naval vessels.

HE DESIGNED, constructed, and tested complete systems, and also developed high-performance components of types now widely used.

At MIT Dr. Draper taught in several fields, including aeronautical power plants; flight testing; vibration measurements; aeronautical instruments; and control engineering.

Dr. Draper's MIT degrees—B.S., M.S., Sc.D.—are in Electrochemical Engineering and Physics.

GP PRESIDENT Smith requests that all initial contacts on any program be cleared by him or Dr. R. L. Garman, Vice President, Engineering and Research at G.P.

Lesperance Joins Shand & Jurs As Production Manager

Paul Lesperance of Production's methods improvement group has been named Production Manager of Shand and Jurs, Berkeley, a General Precision Equipment subsidiary.

He will take charge of Shand and Jurs expanding production of electronic components.

A librascope for almost a year, Lesperance was recommended for his new post by George Clark, Manager of Industrial Engineering, under whom he had been working here.

Lesperance holds a degree in Industrial Engineering from USC. He was with RCA and Topp Industries before he joined Librascope.

It is a program especially tailored for busy managers whose day-to-day duties preclude extensive reading and research in areas outside of their special fields.

OVERALL DIRECTOR of the program is Caltech's Robert D. Gray, Professor of Economics and Industrial Relations, and chief of the Institute's Industrial Relations department.

Gray is being assisted by Arthur Leasenby and by Dr. Michael Wermel, Caltech management consultants.

Among the topics to be presented are: "The Function of the Supervisor"; "Decision Making"; "Department Organization"; and "The Delegation of Authority."

The eleven weekly sessions, given each Tuesday from 4:30 to 6:30 p.m., started February 23 and will end on May 3.

THOSE ENROLLED are: Les Bentley, Chief Engineer, Special Devices; Wayne Blackburn, Director of Applied Research; Tom Bryant, Chief Engineer, Shipboard; Harlan Buseth, Production Manager;

George Clark, Industrial Engineering Manager; Marsh Cowan, Director of Materiel; Bob Dietrich, Assistant Branch Manager, Glendale; Cliff Godwin, Director of Contracts;

Dave Harrison, Quality Control Manager; Murray Harrison, Production Manager, Burbank; Charlie Krill, Chief Engineer, Burbank; Galen Mannen, Director of Engineering;

Bill McAboy, Assistant Branch Manager, Glendale; Hank Norris, Chief Engineer, Airborne; Bill Singleton, Assistant Production Manager; Norm Stevens, Controller; Don Webster, Vice President and Branch Manager, Glendale.

Elmer Worth Joins Employment Staff

Addition of Elmer G. Worth to the staff of employment interviewers in Personnel was announced last month by Paul Kennedy, Employment Supervisor.



Before joining Librascope, Worth did personnel placement and employer relations work at the California State Department of Employment Service.

Earlier he was with the Fisher Body Division of General Motors as a cost and time study analyst. He has studied industrial management and personnel placement at Caltech.



WHEN IN BURBANK — You'll be sure to find one or more of these attractive young ladies handling the switchboard and receiving visitors in the lobby at 100 E. Tujunga St. Standing are Phyllis Cooper, Supervisor, at left, and Jo Barrett, Operator. Seated in foreground are Operators Jeanette Owen, left, and Sharon Governale. As part of Burbank Office Services, these girls also handle teletype and Western Union duties, distribute the Burbank house mail, and staff the office supplies stockroom.



PUNCH IN, PUNCH OUT—Pretty Gayle Kent, Department Clerk, Shipboard, illustrates the axiom, "Time Is Money." That timecard she is punching is translated into the weekly paycheck. Internal Auditor Bill Bell suggests that money may also be viewed as time. For details, see adjacent story.

'Time Is Money'; Or Should It Be 'Money Is Time'?

The old saying, "Time is money," is also true in reverse, suggests Internal Auditor Bill Bell. "Money is time," he says; and here's how it works out:

THE MONEY you earn represents so many hours work. At \$2 an hour pay, you can calculate how long it takes to buy a \$10 pair of shoes.

And the five hours that it takes to buy a \$10 pair of shoes can thus be called production hours.

Similarly, our company requires production hours of work in order to meet our payroll and all other expenses of manufacturing, distributing and marketing our products.

HERE'S HOW the eight production hours that you put in every day break down in terms of what your work buys.

Every Librascope employee works four and a half hours a day so that the company can meet the payroll and the concomittant benefits and services.

In fact, during the year, you work 203 days out of the 365 to pay your own salary.

After working four and a half hours to meet payroll costs, you then put in two and a half hours to pay for materials and supplies.

THIS MEANS that you work 118 and a half days a year to pay for the company's paper and pencils, (and all other materials, supplies and services).

For the company to pay its taxes, each employee puts in 24 minutes a day, or 18 days a year.

Eleven minutes of everyone's daily production is needed to cover depreciation and maintenance costs.

TO PAY THE interest on borrowed capital, it requires seven minutes production a day.

For the company to earn enough money so that it can reinvest its capital, requires everyone to work 12 minutes a day.

And one minute of working time each day goes to pay stockholders' dividends.

This is why Bell suggests that "money is time;" and time expended on production hours is the most profitable time for everyone concerned.

Cahill Appointed Supervisor Of Plant Communication

Larry Cahill has been named to fill the newly created position of Plant Communication Supervisor.

He will be responsible for all telephonic, teletype and other forms of electronic communication at all branches of the Librascope Division.

Cahill was formerly resident service engineer for the Pacific Telephone Company. With Cliff Dahl, Building Engineer, and Phelix Ellingson, Supervisor of Administrative Services, Cahill designed Librascope's new, expanded telephone system which goes into operation April 23.



Joseph F. Foohey Becomes Manager In Production Control

Joseph F. Foohey has been promoted to Manager of Production Control, according to Assistant Production Manager Bill Singleton.

Foohey, who joined Librascope in December, 1959, as staff assistant to Singleton, has inaugurated production control systems at three other Southern California companies.

He was formerly production control manager at Vard, Inc., Pasadena; at Royal Jet, Alhambra; and at Century Engineers, Burbank, before he joined Librascope.

Yvonne Hessler Joins Librazette

LIBRAZETTE has acquired an editorial assistant and staff writer, Yvonne Hessler, formerly a staff writer at Caltech.

She will be working on a variety of newspaper assignments for editors Bill Keith and Earle Hawley. Mrs. Hessler has had several years of writing and editorial experience both in Los Angeles and in New York City.

Originally a biologist, she has an M. S. degree from New York University, and did her graduate research on a fellowship from the American Museum of Natural History.



Yvonne Hessler

The Librazette

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Editor Bill Keith
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Assistant Art Editor Paul Kane
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Photo Layout Andy Cook
Jim Norwood



PLANNING FOR THE FUTURE — 1960 Credit Union officers, pleased with the organization's solid 1959 growth in membership and excellent returns on investments, look ahead to an even more exciting year. From left to right, the officers are Norm Stevens, Vice President; George Yerkes, Director; Urban Kimml, Director; Val Castle, President; Doris Eberle, Secretary-Treasurer; and Jim Clark, Director. Last year, the Credit Union paid 5½%

interest on employees' savings, a rate well above that of many banks or savings and loan companies, and—in some cases—a return greater than that of many stock and bond issues. If you are not yet a member of the Credit Union, president Val Castle suggests you drop by, and explore the advantages of membership. The Credit Union, located in Building 5, is open from 11:30 a.m. to 12:30 p.m., and from 4:00 p.m. to 4:45 p.m., Monday through Friday.

Luther Gives Formula For Effective Report Writing

"Report writing demands of an engineer the same analytical skills that he brings to a design problem."

With this observation, Publications Department Project Director Ken Luther recently opened his seminar on "Report Writing for Engineers, An Urgent Need."

More than 60 engineers and engineering supervisors assembled in the conference room, Building 16, to hear Luther outline "a universal formula for report writing..."

LUTHER STRESSED that his discussion was not about "English grammar, rhetoric or logic..." but was rather a description of a writing technique that can be applied to report writing, "regardless of the subject matter or the engineering environment."

An engineer who begins a report must first know "how to organize the report so it will meet the needs of the people who may be expected to read it," Luther said.

And secondly, the engineer should know "how to go through the writing process without wasting time."

THOSE PERSONS who can be expected to read an engineering report generally fall into three groups, Luther noted—the engineering supervisors; the managers; and the researchers.

"And their needs obviously differ. The engineering supervisor, for instance, wants to follow the same inductive thought processes the writer did when he wrote the report."

"You can say that the engineering supervisor is interested in the last drop of technical detail."

"THE MANAGER, on the other hand, wants to know first—why was the report written at all; and secondly, he wants to know very quickly, and in general terms, what it contains."

"But the researcher, who has perhaps the smallest amount of time to devote to any single report, is interested in only one thing: an abstract."

Do we then have "an untenable situation?" Not at all, suggested Luther, who then set forth the formula by which any engineering report "can be speedily organized and more quickly written."

Seven Supervisors Attend Cal-Tech

Seven supervisors from Glendale branch production and one from Burbank branch are enrolled in the "Practicing Supervision" course at Cal-Tech in Pasadena under the auspices of the Training Section. The group, which meets one evening a week at the Pasadena campus of the school, includes:

Al Robey, Inspection supervisor, Burbank; Jeanette Calley, Glenn Shearer and Les Hey, Glendale assembly; Jerry Sikora and Bob Levine, Glendale model shop; Joe Wilson, Machine Shop, and Arlene Hesse, Glendale inspection.

EACH REPORT must have (1) an introduction; (2) a body of fact; and (3) a conclusion. And far from being a patent simplification, the formula provides the device by which the report may be organized, and may meet the differing needs of its readers.

Putting it whimsically, Luther said, "First you tell them what you're going to tell them. Then you go ahead and tell them what you promised to tell them. And finally, you tell them that you told them."

Specifically, the report's introduction sets forth the "subject, purpose, scope and plan" of the paper.

"And theoretically, you can cover each of those facets of the introduction in a single sentence apiece, and thus have a perfect introduction," Luther said.

"THE IMPORTANT POINT, of course, is that you have planned your paper; and you need never stray from the organized form."

"The plan of your paper becomes

The following are engineering seminars scheduled for March and April:

March 31: "Digital Computers"; Jerry Deltz, Director, Digital Engineering, SUBROC Program.

April 14: "A Perspective for Automata Research"; Hal Hamilton, Director, Advanced Research.

April 28: "Description and Status of Applied Research Products"; Wayne Blackburn, Director, Applied Research.

All seminars are scheduled for 2:45 p.m. in the conference room, Building 16.

in fact the 'body' of the text, the orderly presentation of the topics you will cover.

"And the conclusion is simply that—a restatement of the facts you have uncovered and described."

The report itself is prepared for the engineering supervisor, Luther noted. Where then do the manager's and the researcher's reports come from?

"The proper writing sequence," said Luther, "is to prepare the manager's summary by referring to your introduction to the report itself."

"WRITE THE manager's report from your introduction—you already have everything there that you said you were going to cover in your paper."

"Add to that a restatement of your general conclusions and you have the manager's report—a quick summary of your purpose and scope, and a statement of what you found out."

"The researcher's abstract can be equated with a librarian's 3 by 5 inch index card. An abstract of an article can be expressed incisively and succinctly on a card no larger than that."

"AND THERE," Luther concluded, "you have your three reports, each organized, and each meeting the differing needs of the readers."

"Luther's address was the fourth in a continuing series of fortnightly engineering seminars which extends through July 7."

CREDIT UNION HOURS
11:30 a.m. to 12:30 p.m.
4:00 p.m. to 4:45 p.m.
Monday through Friday



READY FOR TAKEOFF—Rear Admiral J. A. Jaap, CNO staff, at left, prepares to leave Glendale heliport after completing tour of Librascope where he inspected SUBROC, ASROC, SAC-5 and LGP-30 programs. Accompanying Admiral Jaap was Captain George A. Hutton, BuWeps General Representative, Western Division (center). Herman Reich, Manager, Special Projects at Hughes Aircraft (right), airlifted Admiral Jaap and Captain Hutton to Fullerton for the next segment of the Naval officers' tour.



Carolyn Jeanne Nielsen,
Karla Downs, and Betty Stewart,
Technical Illustrators



Priscilla Benson,
Designer

Charlotte H.
Supervisor, Blue



Alice Opolak,
Research Programmer



Jeannette Calley, Foreman,
Mechanical Assembly



Arlene Hesse, Foreman
Assembly Inspection



Gladys Graham,
Group Leader, Security



Helen Benson, Supervisor
Engineering Parts Listing



Shirlee Walker, Group Leader,
Liz Wiseman, Production Editor

"Women At Work" could easily be the title of this page. It is a representative view of some of the 1,008 women who work at the branches of Librascope Division.

While our total work force today is 3,619 persons, our 1,008 women employees comprise 29.94% of that work force—virtually one third.

Shown on these pages are several of our women employees who have attained managerial, supervisory, professional or technical positions through the virtue of continuing education, hard work, and sheer capability.

To say that the woman employee is valuable to our operation would be to understate the case. She is in fact indispensable.

The remarkable fact is that the woman employee not only "holds her own" at work, she also in many cases combines a working career with the parallel careers of wife, mother, and homemaker.

How does she do it? Let the women themselves tell you in this position of their answers to LIBRAZETTE'S questions.

"My home is in beautiful shape. I have help, and my son is at school. Most women have difficulty in handling both home and job at first, but you soon learn how to manage your time, and then it becomes easier."

How about work itself, and the problems that might arise there? "A woman is just as capable as a man, and each has something

personally contribute to any strength, a woman, sympathy, right person in the right job . . .

On some jobs, "women have an edge" and they are quick to give "value."

On the other hand, they are of any problem . . . and can be needed to further the work at hand.

As for supervising other workers, "I ease discussing any problem with them. Why I am concerned . . ."

Would any woman give up time management of the home? "I tried it once. But I found it impossible."

Nor could I get fully involved with a few of them — after work . . .

Thus our 1,008 women at work are here because they are doing the supervisory roles — are here because they are doing the operations.

Moreover, it seems evident that



Skinson,
Print Control



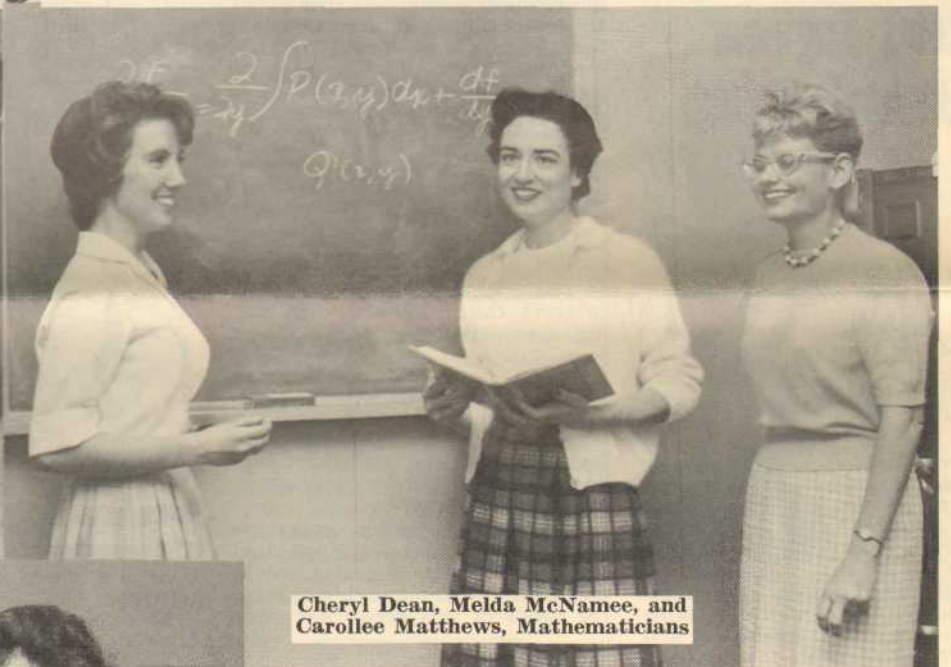
Evelyn Schaffer,
Supervisor, Payroll Dept.



Nettie Stone,
Accounting Supervisor



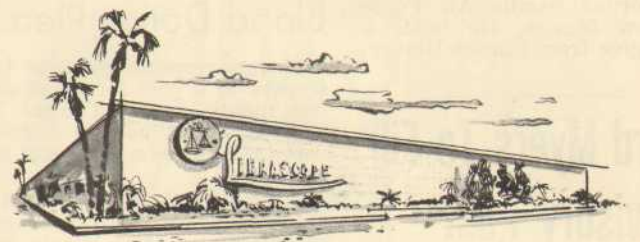
Georgine Johnson,
Mathematician



Cheryl Dean, Melda McNamee, and
Carollee Matthews, Mathematicians



Ruth Kennerknecht, Group Leader,
Procurement Follow Up



Dottie Gifford,
Foreman, Assembly



Wadena Stevens, Draftsman,
Miriam Busby, Designer



Clyde V. Hendricks New Staff Engineer At Glendale Branch

Clyde V. Hendricks, for 17 years an Air Force career officer, has been appointed Staff Engineer to Assistant Glendale Branch Manager Bob Dietrich.

Hendricks holds a Master's degree in Atmospheric Physics from MIT. As an undergraduate at Austin College, Sherman, Texas, he majored in Mathematics and Physics.

After college he taught high-school mathematics, but soon became a civilian flight instructor with the Air Force. He was commissioned in July, 1942, teaching fliers until the war ended. Later he commanded the 39th Air Transport Squadron of the Military Air Transport Service in transatlantic service, and then served as educational liaison officer in Europe.

Hendricks, who has also been a contracts officer, was an administrator in research and development at Andrews Air Force base, Washington, D.C., when he resigned last year.



Paul Askren Named Systems Engineer At Burbank Branch

Paul Askren, a digital data handling specialist, has joined Librascope's Burbank branch as Senior Systems Engineer in Joe Ator's Industrial Systems department.

In this department, he has the responsibility for uncovering new design applications of the Libratrol-500 and Libratrol-1000 computer systems.

Askren formerly was project chief at Consolidated Systems, Monrovia, where he was responsible for millisecond and microsecond systems, and other forms of high-speed data measuring and recording equipment.

He previously served two years in the Air Force as special weapons officer at Sandia Air Force Base, New Mexico. He holds a BSEE degree from Purdue University.



Howard Myers To Fill Supervisory Post

Howard Myers has been named Assistant Supervisor of the Systems and Procedures Group in the Administrative Services department, by Phelix Ellingson, Supervisor.

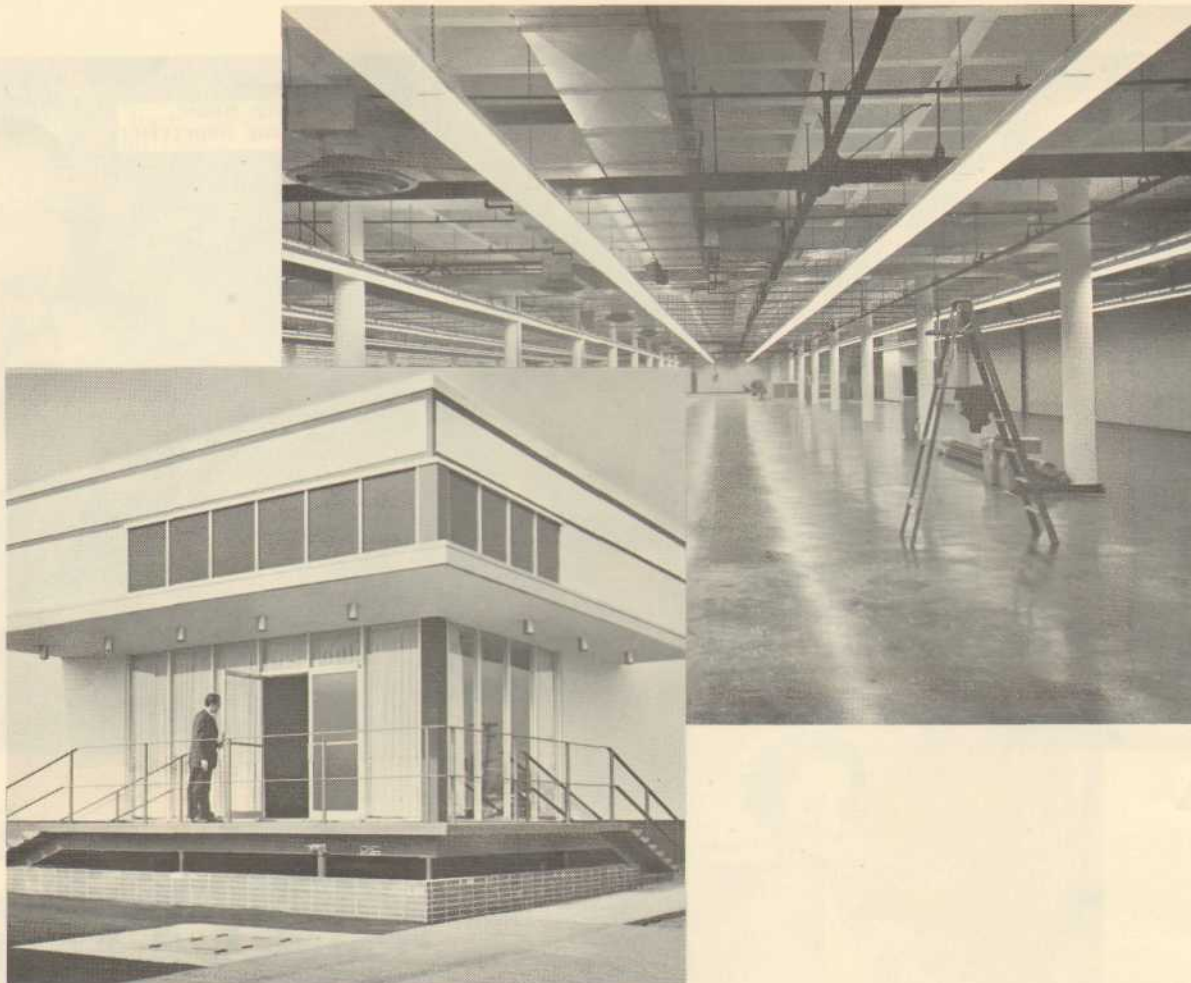
In his assignment, Myers will have charge of personnel and functions relating to current procedural assignments and forms control.

Requests for procedural information, new or revised forms, or procedural analysis should be directed to Myers, Ellingson says.

Ready for Spring cleaning? Precisioners Store Manager Eileen Brown urges you to drop around, and to see the supply of vacuum cleaners, floor polishers, and similar items.

All are major brand names, and all are attractively priced, says Eileen. In addition, she says she has several three speed electric razors priced for clearance.

The Precisioners store, located in the yard just east of Building 2, is open during morning and afternoon break periods, and during the lunch hour.



OPEN FOR BUSINESS!—The entrance to Librascope's new Building 17 (shown in lower left inset) leads past administrative offices to the vast operations room (above). The 85,000 square foot structure is gradually being occupied by SUBROC and other shipboard units. It now houses an assembly unit, branch units of Electrical Methods, Purchasing, Pro-

duction Control, Quality Control, Electrical Inspection, and Material and Tool Control. The new quarters have a roof top parking area which accommodates 240 cars. Next month, Librascope's expanded telephone hook-up will begin functioning from there and will then link all buildings in the Glendale area through one central exchange.

Branch Library Serves Shipboard

The engineering library has opened a new branch in Building 22, adjacent to the Standards Unit, to serve the Shipboard Engineering area, according to Librarian Nate Sands.

THE NEW BRANCH is staffed by Library Clerk Nan Schleifman, who reports, "We have the Military Specifications needed by Shipboard, several vendor catalogues, and many directories . . .

"And as soon as the cases are finished, we will have a substantial number of technical journals, magazines and manuals to serve the needs of this area," she adds.

Trio Responds To Blood Donor Plea

Prompt response by three Librascope's to a plea for blood donors last month, provided Elma King, Central Files, with a supply of rare-type blood on the eve of major surgery.

WHEN IT WAS discovered that the necessary blood type was in short supply, Miss King's doctor called Librascope and asked Nurse Mary Snyder to locate possible donors.

A plea over the public address system brought three volunteers within minutes: Lillian Dorkin, Materiel; Jim Holmes, Production Control; and John McDonal, Assembly.

THE TRIO REPORTED to the Red Cross blood center in Los Angeles and made their donations. The blood was then sent to Glendale Sanitarium.

Miss King, an employee of Librascope since March, 1951, has been released from the hospital and is now recovering at the home of Charlotte Hoskinson, Supervisor, Blueprint Control.

C. F. W. Martens

Carl F. W. Martens, veteran Experimental Assembler in the Model Shop died suddenly of heart disease Feb. 1 at his Los Angeles home. He had been with Librascope since August, 1952.

He is survived by his widow, Mrs. Florence Martens. A group of fellow workers acted as pallbearers at the funeral services which were followed by interment at Forest Lawn.

Frank Haeckl Joins Industrial Systems

Frank Haeckl, computer consultant for chemical plant operations, has been appointed Senior Engineer in Joe Ator's Industrial Systems Department at the Burbank Branch of Librascope.

Haeckl, once research organic chemist on the Manhattan ("A" - Bomb) District Project, will study the applications of the digital computer in the control of chemical manufacturing processes.

A mid-westerner, Haeckl got both his B.S. and M.S. from Ohio State University in Organic Chemistry.

He comes to us from the Solvay Process division of Allied Chemical Corporation.



control of chemical manufacturing processes.



SAFETY ON THE STAIRS—Easiest way to avoid a tumble on the stairway is to keep one hand on that stair rail, says Sue Roa, Burbank accounting clerk. Heartily approving the suggestion is Training and Safety Coordinator Wayne Strong who says this is especially true when a girl wears spike heels.

'Buy More Insurance' Urges Art Pederson

Art Pederson, Supervisor of Employee Benefits and Services, recommends that all hourly employees sign up for the extra \$6000 worth of life insurance now available to them.

"The additional insurance costs only 60 cents a month for every extra \$1000 coverage," he explained. "Such protection would be much more expensive if you bought it individually."

This insurance is in addition to the basic \$4000 life insurance offered free to all employees.

Employees become eligible for the insurance on the first day of the calendar month following the third month of continuous service. If they apply within 31 days of that date no evidence of insurability is required. Arrangements may be made at the Group Insurance Office in Bldg 2.

A recapitulation of group insurance operations during 1959 reveals that Librascope contributed \$243,867 to the cost of operating the program. Employees paid \$201,918, and the total employee-company contribution totalled \$445,785.

Claims paid were \$422,679, and the insurance carrier retained \$36,129.

Bob Peterson New Foreman On 2nd Shift Assembly

Bob Peterson, formerly Electrical Methods Analyst in Industrial Engineering, has been promoted to Foreman by Trent Albizati, General Foreman.

Peterson will be responsible for electrical and mechanical assembly in Building 2 on the second shift.

At Librascope since June '58, he previously worked for Vard, Inc., and Electrodata in Pasadena.

He is a native of Chicago, and studied at the University of Illinois as well as at Pasadena City College.

With his wife and three children, he lives in Sierra Madre.



Kruse, Tait, Johnson New Additions In Methods Improvement

Three new additions to the methods improvement group of the Industrial Engineering section of Production, were announced last month by Manager George Clark. They are:

WALLACE L. KRUSE, a veteran of almost 20 years in management consulting, product design and development. A mechanical engineer who studied at the Universities of Minnesota and Wisconsin, Kruse joined Librascope in January.



Previously Kruse was with the Palo Alto field office of Kirk Engineering Company, the U.S. Bearing Corp., in North Hollywood, and Electrosolids in Van Nuys, as project engineer and administrator. He is married, the father of a young son and lives in Canoga Park.

GORDON J. TAIT, who came to Librascope recently from Systems Development Corp., Santa Monica,



where he was a member of a program development group. He is a graduate in Industrial Administration of Yale University's school of engineering.

Prior to moving to the West Coast, Tait was a quality control engineer with IBM at Kingston, N. Y., worked in production cost control with Parsons, Brinckerhoff, Hall and MacDonald in New York City. He began his industrial career as a draftsman with Reeves Instrument Corp. in New York.

ROY JOHNSON, lately of Production's mechanical methods Group, who joined Librascope 15 months ago. A



native of Galesburg, Ill., Johnson is a product of the intensive training program of the Caterpillar Tractor Company at Peoria, trained in industrial engineering, production control, methods and systems planning.

A 1946-49 veteran of the Air Force (communications), Johnson was a cost estimator for an engineering firm, and a methods and time standards engineer with Lockheed before coming here.

Dottie Gifford Named Assembly Foreman

Dorothy Gifford, recently promoted from Leadman to Foreman in Assembly by General Foreman Trent Albizati, started with Librascope six years ago as Final Assembler.

She will now have charge of the wiring and mechanical assembly of the Mark 17, Mark 39, and Mark 56 projects on the first shift.

Originally from Hazard, Neb., Mrs. Gifford was an engine lathe and drill press operator before signing on here. (See photo of Dotty on Page 5.)



Truck and trailer rigs, smaller trucks and automobiles no longer use the driveway between Buildings 1 and 2 for a "turn around" area. Vehicles entering the yard area from Western Avenue now exit through the Flower Street gate, reminds Building Engineer Cliff Dahl.

This has eliminated the potential hazard from "big rigs" attempting to maneuver in that limited space. On the other hand, it calls for increased watchfulness in the driveway area adjacent to the Flower Street gate.

Public Relations; Who They Are, What They Do



"HERE'S THE SCHEDULE" — says Trade Show Manager Dean Johnson to department Steno-Secretary, Marilyn Bellamy. For 1960 he's designed and constructed some thirty shows and displays for professional meetings all over the country.



"IT LOOKS GOOD TO ME" — "The Technical Review's" editor-in-chief, Jim Robinson, oversees all written material for Public Relations. He is their Editorial Manager.



HARD AT WORK — Helping to write and edit the "Tech Review," along with a variety of press releases and brochures is Bob Eklund, Editorial Assistant in Public Relations.



A GOOD PRESS — When you see news about Librascope in the local papers, chances are it's John English, Publicity Manager, who was responsible for the original press release. Helping him promote and publicize company products is Bonnie Gruninger.

What is a public relations man? And what is this particular thing called "Public Relations" that he practices?

The public relations man has been fictionalized in films, in novels, on television, and in magazines.

He has been seen variously as a huckster, a promoter, a hidden persuader, a propagandist, a mold-er of images, a shaper of attitudes.

While there may be some grain of truth in any fictional portrait, there is almost always a corresponding distortion or misrepresentation.

ESSENTIALLY, the public relations man is a craftsman. He may be a writer, editor, artist, typographer, printer, or similar artisan.

And he is ordinarily an expert in his field, a member of a complex team whose efforts are directed toward one specific end.

And that end is presenting both his company and his company's product in the best possible light.

Why promote the company and its product? If it is a good company, and if it manufactures a good product, will not the company then be able to make its own way without any "public relations?"

THE EXPERIENCE of today's competitive economy suggests that the reverse is true.

In fact, it is not likely that any modern corporation could long survive in the competitive market if it did not employ the techniques of public relations.



DIRECTOR Ken Slee, as Director of Public Relations and Advertising, guides the creative efforts of his department. He's recently been appointed Chairman of the General Precision Advertising Committee. Here he examines the brochure for prospective customers.

At Librascope, these techniques include the preparation of extensive advertising; the publication of a technical journal; the designing, building and staffing of trade show exhibits; the preparation of all product booklets and brochures; the insertion of feature stories in magazines, newspapers and on TV.

GUIDING THE various craftsmen who practice these techniques is Ken Slee, Director of Public Relations and Advertising for Librascope Division.

In addition to directing the public relations activities of all branches of the Librascope Division, Ken serves as Chairman of the Advertising Committee of the parent company, General Precision, Inc.

Key personnel under Ken are: Mike Cannon, Advertising Manager, who oversees the preparation of ads for more than 40 technical journals and other magazines.

Jim Robinson, Editorial Manager, who is editor-in-chief of Librascope's "Technical Review" Quarterly, and who also oversees the editorial content of all copy produced in the department.

Dean Johnson, Trade Show Manager, who designs the product exhibits that will this year be featured in more than thirty shows throughout the country.

John English, Publicity Manager, who directs the preparation of press releases for the regional and local press, for magazines and TV, and who also arranges publication of technical papers prepared by Engineering personnel.

FROM HIS STAFF, Slee requires "the same precision and exactitude in our written material as is found in our products . . ."

"We use concrete methods to produce material that has been exactly measured in terms of audience response and customer acceptance," he says.

That "customer acceptance" has in turn been translated into concrete benefits for the company.

IT IS FOR these reasons, that, at Librascope, public relations is termed "an exacting craft . . . a task that requires the talents and techniques of many artisans . . . artisans whose endeavors must be directed toward one specific goal: showing the company, its people and its products, in the best possible light . . ."



AT HER FINGERTIPS — The voluminous files of Public Relations are Connie Parra's special charge. She is also department clerk-typist.

If you've picked up your phone receiver lately and heard no dial tone, or if you heard a busy signal as you dialed the first digit of your number, chances were you had a "call block."

This situation is due to an overloaded switchboard, and not a defunct phone, says Switchboard Supervisor Audrey Blythe. She recommends that you wait for the dial tone, or redial in a few minutes, to avoid unnecessary trouble calls.

As soon as the new switchboard facilities are finished in Building 17, telephone service will improve.



"THE MEETING IS AT 2:30" — Keeping track of appointments for Ken is his Secretary, Connie Kadley. She organized the department's procedural and administrative side.

'Expanding Mind' Wins Fifth Award

"Man's Expanding Mind," a Public Relations department brochure which recounts Librascope's achievements in the computer field, has captured its fifth national honor in the field of advertising and commercial art.

It has been acclaimed by the Los Angeles Art Directors Club as one of the seven best booklets of its type published in the West during 1959.

Currently it is on display from 10 a.m. to 5 p.m. daily, (including Sundays), at the Los Angeles Museum of Science and Industry, Exposition Park.

OTHER HONORS won by "Man's Expanding Mind" include mentions for editorial excellence in "Printer's Ink" and "The Reporter of Direct Mail Advertising."

Two additional awards for excellence were bestowed at The New York Art Directors Show and the National Lithographers Show respectively.

CREDIT UNION HOURS
11:30 a.m. to 12:30 p.m.
4:00 p.m. to 4:45 p.m.
Monday through Friday



"THIS ONE SELLS" — Pleased with the final results of an ad layout, Mike Cannon, Advertising Manager, confers with his secretary, Sharon Gardner. Cannon supervises all advertisements, commissioning the artists and surveying the final art work. (Photos by Fred Beindorff)

Sport News

Pin Busters Tie Kilroy's Klicks For First Place

by Fred Killips

After leading the league for two straight weeks, the Pin Busters slid into a two-way tie for first place with Kilroy's Klicks, as the Mixed Bowling league ended its 22nd week of play at the Grand Central Bowl. Both teams have a 55-33 won and lost record, but the Pin Busters lead in total pins, 60,023 to 59,803.

Several other changes in standings were racked up. The Happy Five moved up to third place from fourth, with the Hapa Haoles dropping back one notch. The Lucky Strikes and Four Hits and a Miss also swapped positions and now are in 7th and 8th place, respectively.

Jennie's Brood and the Embalmers now are in a two-way tie for 8th place.

The standings:	Won	Lost
1 Pin Busters	55	33
1 Kilroy's Klicks	55	33
2 4 Guys & A Doll	53½	34½
3 Happy Five	48½	39½
4 Hapa Haoles	48	40
5 4 Dashes & 1 Dot	47	41
5 Exodus	47	41
6 4 Hits & No Miss	46	22
7 Lucky Strikes	44½	33½
8 Jennie's Brood	43	45
8 Embalmers	43	45
9 The Rejects	42	46
10 Carl's Cadets	40	48
11 Woodpeckers	38½	49½
12 Odd Balls	38	50
13 Sweepers	37	51
14 The Bandits	35	53
15 Sleepers	31	57

Cellar Dwellers Upset Mixed League Leaders

by Howie Bennett

The top four teams in the Librascope Swing League bowling race took a shellacking from the bottom four in the 22nd week of play, but standings were affected in only one instance because of the distance between the leaders and also-rans.

However, it must have been a sobering experience, because the race is by no means over and a continuation of what happened February 27 could have disastrous results!

The standings, as LIBRAZETTE goes to press:

	Won	Lost
1 Setty's Snollygrossers	58½	29½
2 Ricos Bloopers	51½	36½
3 Snafus	51	37
4 Spotters	45½	32½
5 Pick Ups	43	45
5 Gutters Rats	43	45
7 Musketeers	39½	48½
7 Holy Rollers	39	49
8 Moo Fooz	36½	51½
9 Mazel Kins	32½	55½



PRECISIONEER LEADERS—Heading Precisioneer activities for 1960 are these recently elected officers and building representatives. In the first row, left to right, are: Howard Little, Bldg. 14; Bud Edwards, Bldg. 16; Pat Hansen, Secretary; Don Hersch, Vice President; Jim Studdard, President; Bob Garrett, Past President and Advisor; Chuck Guran, Bldgs. 21 & 22; Eileen Brown, Treasurer; and Jim Manley, Bldg.

1; Back row: George Poppa, Night Shift; Charles Sparkes, Bldg. 3; Joe Fido, Bldg. 5; George Cassell, Bldg. 7; Charlie McKallor, Director at Large; Dick Kennerknecht, Bldg. 10; and Art Johnson, Bldg. 11. Not present when the picture was taken were Rudy Almeida, Bldg. 2, and Bob Gonzalas, Bldg. 15.

Precisioneer Cagers Trounce Weber Aircraft In Finale

by Joe Mesch

Two outmanned, but never outfought Precisioneer basketball teams ended their season February 29; one with a thrilling come-from-behind 55-50 victory over an undefeated Weber Aircraft squad; the other with an inspired, though losing effort, against the burly Collins Radio quintet.

Credit for one of the pluckiest performances of the season must go to the Precisioneers B squad for their fierce battle against the Collins cagers at McCambridge.

Five men started—Carlos Davila, Bill Buchanan, Jerry Miller, Roy Johnson, and Jim Kostecky. And they went all the way for coach Bob Bruce. And with good reason too, for the bench was bare of substitutes.

Down by a dozen points midway in the second quarter, the B's rallied to within two points at half-time. They hung on desperately through the third quarter.

But fatigue, and a sprained ankle that hobbled Jim Kostecky early in the period, finally proved too great a handicap. Collins pulled ahead in the final stanza to win going away.

Precisioneers A displayed their finest team effort of the year in dealing the Industrial League champion, Weber Aircraft, their initial league loss.

Coach Joe Mesch, blessed with a wealth of talent throughout the season, on this occasion had to play with six men against a team that had downed his squad twice previously.

Gambling with a zonepress, the A squad moved into an early lead, then battled furiously as the Weber five rallied.

Don Mitchell and Nelson Manzanares played sensational ball in the first half, with Ron Roderick and Neal Hinto giving great support. Tom Renaud, the fifth starter, picked up three quick fouls in the opening minutes of the first quarter, and alternated with George Dizon for the remainder of the game.

The Precisioneers squad, after jumping off to a first quarter lead on the strength of some fine shooting from the pivot by Manzanares, and driving layups by Mitchell, fell behind and trailed much of the game.

Later, Roderick hit three straight buckets from the corner in the third and fourth quarters, and sparked the team's comeback.

Leading by one point, with a minute to play, the squad scored on two clutch free throws by Manzanares and a three point play by Hinto to end the season with a well deserved victory.

The A team wound up its Industrial League campaign with a 10-4 record, and second place. The B team, lacking the overall talent of the A's, nevertheless finished in fourth place with a 4-10 record.

Both teams played heads up basketball, and the players, coach Bob Bruce and myself, extend our thanks to all of the loyal fans who turned out for the games, and who gave their unstinting support, win, lose, or draw.



Gun Club Elects 1960 Officers; Chianello Prexy

Librascope's Gun Club has elected its 1960 officers, reports President-elect George Chianello, and has issued a call for new members.

"We are firing the .22 caliber pistol and rifle every Tuesday night on the indoor range at Hoover High School, Glendale," Chianello says, "and we should like to see as many new marksmen in the group as would like to join."

Future plans of the Gun Club include big bore and skeet matches, and weekend pistol and rifle practice on the Juniper Tree Range in the Solemint Canyon area.

In addition to Chianello, the newly elected officers are Eric Stewart, vice president; Dan Bradburd, treasurer; Ralph Mershon, rangemaster; and Elena Root, secretary.

Anyone who is interested in joining the gun club may call Chianello at Shipboard Standards, CI 4-8136, ext. 287.

SECURITY FIRST — LaVonne Resech, Document Control Clerk, is about to deliver a classified document to someone who needs to know the information it contains. The canvas bag with combination lock is but one of many precautions employed by Security to safeguard classified material. Security Officer Don Knox asks that those who receive such documents themselves exercise the same degree of care and caution in handling classified material.

This week, 681 Librascopers will set aside a total of \$3,174.69 towards the purchase of U. S. Savings Bonds through the Payroll Savings Plan. Why not join them? By doing so, you invest in the future security of your country and of yourself.

Pollo shots, at \$1 per person, are available on the first Saturday of each month, from 2 p.m. till 4 p.m., at the Burbank Women's Club, 705 E. Olive St., and on the third Tuesday of each month, 6 p.m.-8:30 p.m., at Burbank Community Hospital, 446 E. Olive St., Burbank.

"If all members of your family do not have this protection," says Plant Nurse Mary Synder, "then you should begin the series of shots either on March 15 at Burbank Community Hospital, or on April 2 at the Burbank Women's Club."

(You do not have to be a resident of Burbank in order to get \$1 Pollo shots at these locations).



THE DEMOCRATIC PROCESS—Shown above are three members of the Librascope electorate who cast ballots in the recent Precisioneers election. The voters are, from left to right, Louise Morton, cost analyst; Mabel Meagher, order processor; and Mac Mayclin, foreman, Production Control.

Librascope Division
General Precision, Inc.
808 Western Avenue
Glendale 1, Calif.

First Class Mail