



## Precisioneer Head Thanks Workers

The year is fast drawing to a close, and as we reflect upon the work which we have tried to accomplish we are suddenly aware of the things we have left undone.

I wish to take this opportunity to express my appreciation for the honor of serving you as president of the Precisioners for this past year. To the splendid group of officers who have given so unselfishly of their time and worked diligently with me, I wish to pay special tribute. I wish also to extend my thanks to each one for the cooperation I have received the past year. I cannot think of one single request that was not granted by employer or employee.

As Librascope grows so grow the Precisioners, if we all work together as a team. I would like to point out that we have a privilege here that is not granted in any other plant in the valley. So let us not abuse this privilege. I pray that God's richest blessing will go with our organization and the officers who will future it, and for you and your loved ones.

A Very Merry Christmas and a bright and prosperous New Year.

—Loy (Tommy) Thompson

## Librascope Editor Marries Realtor

Ethel Berkey, publications, was married last month to Robert R. Johnson, San Pedro real estate man, at the Trinity Lutheran Church in San Pedro.

Ethel came to work for Librascope in January, 1950, as department clerk. She was later promoted to editor, a job which she held until she left December 5, 1953.

The editors and staff of the Librazette wish to break with their policies and use this space to personally wish the Johnsons much happiness.

Ethel's name has never appeared on the masthead of the paper, and probably few realize how much she has contributed. We are sure only the editors are aware that those late papers during the first year of publication would have been much later and the issues would perhaps have been fewer if she had not volunteered to help with the tedious details of publication.

So thanks, Ethel, and best wishes from THE LIBRAZETTE.

The editors and staff of The Librazette wish to take this opportunity of wishing each of you and the members of your family a most Merry Christmas and Happy New Year.



It was little more than a year ago that the first issue of this Librascope newspaper came rolling off the presses. At that time it was necessary to run only 500 copies. This month we mailed out close to 1,000 copies. A good indication of the growth of Librascope.

The Librazette was established as a newspaper for and about the employees at Librascope. We hope it has, and will continue to fulfill its purpose. We have attempted to include articles and pictures of general interest to all plant workers, with equal representation from all departments and groups.

How good this paper is or becomes depends on each and every one of you. We depend for our news upon the Librazette representatives in each department. Their efforts and work have made the paper possible. If you have a news story or a picture you think would be of interest to your fellow employees, contact these representatives. They'll handle the rest, and be most grateful to you.

Only through complete cooperation can the Librazette be a thoroughly representative company newspaper.



Once again, we repeat our opening Yuletide wishes for only the best during the coming year for you and yours.

The Editors



## Librabowlers Mix With Movie Stars

Amidst an audience of bowling experts, TV stars, and movie starlets, a special Librascope bowling team divided honors with Menasco in a gala event at the Burbank Bowl last month.

The occasion was the initial use of automatic pin setting machines at the kegling emporium.

Proceeds went to the Spastic Children's Guild. A \$10 donation from the Librascope Aid Club and \$2 per player earned Librascope the right to bowl. A \$5 donation earned Clem Abbott the right to roll the first ball.

The Librabowlers were managed by Lyle MacDonald and included Abbott, Fred Russell, Percy Roberts, Charlie Snavely and Don Cady.

They won the first game, 921 to 920, but lost the second 914 to 909. Charlie Snavely was second high man for the tourney with a 424.

Highlighting the festivities was the appearance of movie and TV personalities posed with the Librabowlers in the picture at right. In the front row of the picture, with The Three Stooges are, right to left, Theila Darin, Snavely, and Phylliss Rowland. Behind Miss Rowland is Norma Barrett. (Miss Lanor Roberts also entertained but is not in the picture.)

The first four in the top row are Abbott, Cady, Roberts and Russell.

## Santa Says He'll Be on Hand At Librascope Children's Party

The radiant heated floor turned some of the ice on his boots to slush and the phone knocked powdery, sub-zero snow crystals from his beard. Straining to understand the weak voice (syllables were broken into meaningless sound by the hash on the line) he knotted his forehead in concentration.

## Bob Berg Winner Of Calcutta Playoff

All the thrills of the National Open accompanied the Calcutta golf tourney playoff's this year as Bob Berg nosed out Arnie Brown by one stroke for the trophy.

The two golfers fought through 18 holes stroke for stroke to go into the nineteenth tied. The score at that point was 74 (91-17) for Berg and 74 (95-21) for Brown.

Under this pressure something had to give, and Arnie was the sacrifice, knocking one out of bounds to give Berg the one stroke lead he needed to win.

"Precis . . . What was that? I'm very sorry but the connection up here is bad this time of the year."

"Oh, ho, yes, yes of course, Librascope Precisioners." He motioned the workmen in the shop to be quiet.

"December 19? No, no, nothing scheduled . . . Glendale? Yes, of course, be glad to."

He hung up the phone.

It was this phone call last week to the North Pole that clinched the long expected announcement by the Precisioners that once again Santa Claus will be guest of honor at the annual Children's Party.

All employees are invited to bring their kids to this Yule event, to be held December 19 at Griffith Manor Park.

## Gala Bowling Event



Photo by Lee Dugan



# "Tommy" Thompson Is Busiest Man In Plant Here's the Story of Early Origins Of Librascope's Trademark, Name

Loy "Tommy" Thompson, president of the Librascope Precisioners for the past year, is perhaps one of the busiest and most cheerful people in the entire plant.

Tommy has been with Librascope for the past eight years, having started working here in August, 1945. He started as experimental machinist, moved up to toolmaker machinist, and recently became a leadman.

He is best known around the plant for his cheerful nature and helpful spirit, and has devoted many hours of his time to the activities of the Precisioners. With his interest in company activities and capable manner, he has been eagerly sought to serve on committees.

Loy was born on a farm near Cottonwood, Texas, in 1907, and was the youngest of 14 children. His family had hopes he might join the ministry, but young Tommy leaned toward mathematics. After graduation from Abilene High School he attended business school and trained for an accounting job. In 1926 he married Lorene Markhom of Abilene, and in a few years they had a daughter, JoAnn. By 1930 Tommy was established with the National Music Co., and within 10 years he had become district manager for western Texas.

In 1941 Tommy moved with his family to California to enter defense work. He went to work at Adel Precision Corp. as tool cutter and grinder. At the end of the war, in 1945, he joined Librascope.

Tommy has many hobbies and spare time activities, but his grandchildren are his first love—a boy, 4, and a girl, 6. His daughter and her husband live near enough so he is frequently called upon to baby-sit, a job he loves. Tommy enjoys bowling, and during the noon hour may be found enjoying a game of pinocle with the toolroom gang. He



is also a fisherman of some skill, preferring fresh water to the pitch and roll of the ocean.

The most popular activity with his family is his creation of upholstered furniture, including chairs, sofas and padded cornice

boxes. He has spent many happy hours working on furniture in his own home and that of his daughter.

It is rumored that on occasion Tommy has handled a guitar in real Western style.

## Early Bowling Scores

The Spotters, captained by George Chianello took an early but commanding lead in the Precisioners bowling tourney as of press time.

The spotters had a 23 and 9 win, lose record.

High series honors went to Johnny Delle Fave, 598-64-694; and high game to date has been posted by H. Garrison, 220-40-260.

The Precisioners bowl at the Burbank Bowl every Tuesday and Thursday.

## Advantages of Getting Loans From Credit Union Are Listed

When you are thinking of making a loan, remember these three advantages when obtaining it through your Librascope Credit Union.

All loans are figured on a monthly basis, but can be deducted from your weekly check. This means you don't have to make payments in person.

If desired, you may pay money in addition to the weekly deduction. By doing this you pay off your loan sooner, and naturally save interest.

The interest rate charged by the Credit Union is not 12 percent a year, as many think. It is one percent per month on the unpaid balance. If it were 12 percent a year, the Credit Union would charge one percent a month on the total amount of your loan. At the rate of 12 percent a year, the amount would be \$60 on a \$500 loan. Banks charge eight percent a year for personal loans, or \$40, and seven percent for used cars, or \$35. The Credit Union charges \$33.11, if all payments are made on time.

Keep in mind that you are not charged for paying off your loan ahead of time. You save the interest. In fact, anytime you make payments early you will save interest charged. But, don't forget it also works the other way.

After your application for a loan is filled out completely, your

credit is checked, and taken to the credit committee. If it is in good order it is returned to the treasurer signed by each committee member. If the credit committee feels more information is needed, the application may be delayed for a short time.

## New Shed Starts Expansion Program

The new Librascope expansion program got underway last month when the L. F. Blagg Co. began construction on the 2000 square feet corrugated raw stock shed, located behind Building One.

Employees in the electronics section are pleased at having acquired additional space for their expanding facilities. They are taking over the model shop assembly and adjustment area. This section of the model shop will move into the vacated raw stock area which was adjacent to the model shop parts manufacturing section. This will result in a better arrangement for model shop activities.

Our company name and our trademark are familiar to us all, but do you know how we acquired them?

The company name Librascope came from "Libra" meaning "balance" and "scope" meaning indicator and was the name given to the first aircraft balance computer developed by Lewis Imm, our President, and produced by his company in its early years (1937-1940) as Libra-scope Development Company.

"Libra" is the seventh sign of the Zodiac. (Astrology) Ancient mythology established it as the "scales", or "balance". The sign of the Scales in equilibrium is found upon hieroglyphics in Egypt. The title, Libra, we owe to the Romans, but the Greeks, Hebrews, Arabs, East Indians, Hindus and Chinese all refer to balances or scales. It was one of the oldest signs known and used in early civilization, and was used in connection with justice and equality.

However there are more specific tie-ins between the name Libra and the type of work which we do at Librascope. The Greeks had a tradition that the Balance, "Libra", was placed in the sky to perpetuate the memory of Mochus, the inventor of the system of weight and measures. This was the origin of mathematics and computation, for there was no need to have mathematics before man could weigh and measure.

The ancients attached great importance to the scale or balance being in equilibrium. They recognized the fact that in order to achieve progress as a group they needed harmony and mutual respect for each other. They regarded the symbol of the balance as showing that justice and equality must be in equilibrium.

There are several stories in mythology concerning the creation of the sign of Libra. The Greeks believed that Libra represented the Scales wherein Astrea weighed the deeds of men, and presented them to Jove. While the Romans placed the figure of Julius Caesar in the constellation holding a balance in his hand. He was regarded as dispensing justice. Later the figure of the Emperor was discontinued and the Scales only retained.

The scales are represented by the two predominant stars Alpha and Beta, with five other stars completing the constellation. The fulcrum point is formed by Librae. In the maps of sky paths of the

constellations Libra appears in summer. The autumnal equinox was once at this period and the length of the days and nights "balance" at that season.

It is a rather small constellation lying south of the Celestial Equator, into which the sun enters on October 29 and remains until November 21. It contains no star brighter than the third magnitude, but its chief stars form a four-sided figure, which makes it easy to identify.

## 15 Precisioners Lucky Winners

Fifteen lucky Precisioners won their Thanksgiving turkeys last month. Roy Van Holm and Joe Riddle posted the winners of the Annual Precisioner's Turkey Raffle, and just before Thanksgiving the 12 pound turkeys were carried home by their new owners.

This month the Precisioners sponsored a raffle of "Christmas Cheer." Approximately five cases will be presented to some lucky winners just prior to the Christmas holidays.

Profits from these raffles go into the Precisioners treasury and back to the employees in the form of parties for adults (Dec. 5) and children (Dec. 19).

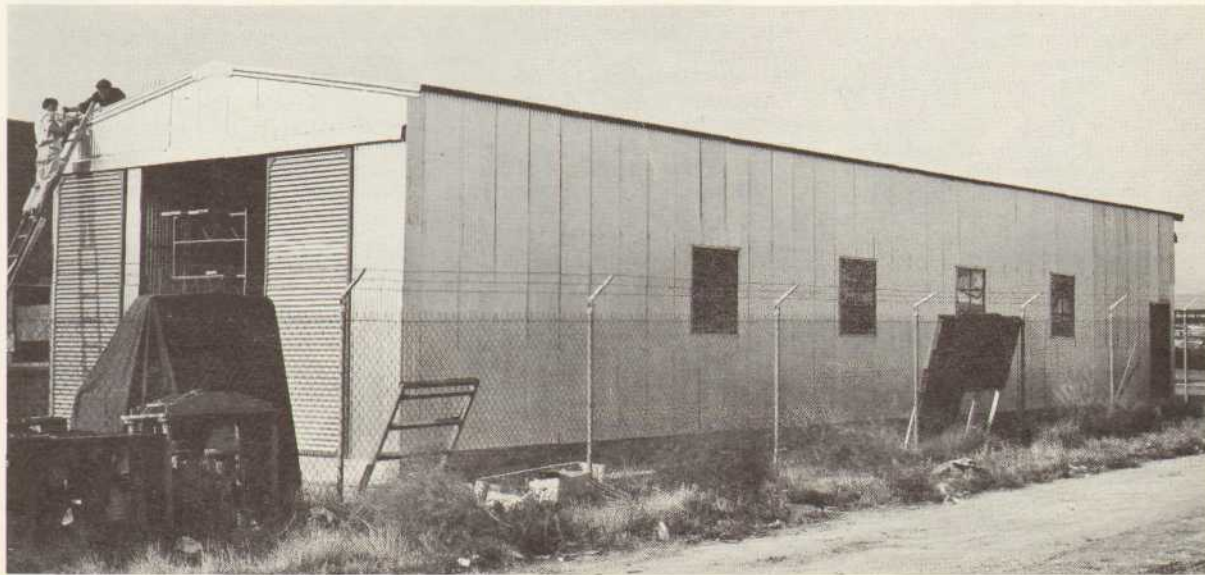
## Visit With Relatives Is Fun for Robbies

Jim and Betty Robbie (she's from engineering) went to San Francisco October 10 to meet Jim's sister and her husband, arriving from New Zealand on a business and pleasure trip around the world.

They spent three days in the city by the Golden Gate, seeing the sights and meeting representatives of the New Zealand government, including Mr. and Mrs. R. Firth, consul general; Mr. and Mrs. Clifton Webb, foreign minister; and A. Feslier, deputy travel commissioner.

Since John, Jim's brother-in-law, is travel commissioner, the group was permitted, on return to L.A., to go through Warner Brother's studio.

## New Raw Stock Building





## Ingenuity and Skillful Design Produces Useful Instrument

A routine, although challenging, order for what seemed only a highly specialized research tool has produced another Librascope instrument of great commercial potential, the Sine Wave Generator.

Although at present the instrument is more or less confined to testing automatic control systems,



it is believed many more uses for it have yet to be explored.

Designed to bridge the gap between electrical and pneumatic controls, the generator produces air pressure pulses which parallel electrical signals used for control. The air pressure in the pulses alternates, as does alternating current, according to a sine wave. The peak and average pressure and frequency of alterations can be varied to match the peak and average voltage or current and frequency of the electrical signals.

Birth of the projects followed a familiar pattern — Shell Development Co. had need of the device and found that nothing similar had been built which fit their specific needs. They chose Librascope to provide the instrument.

They had to have the gadget right away, so with the combined efforts of Chief Engineer Don

Webster and Project Engineer Les Bentley and the full cooperation of the model shop, the red tape of unnecessary procedure was cut, allowing the project to be completed at top speed.

Actual design of the instrument was created by Bud Linsley, who came up with a new and unique device for meeting the functional demands of the specifications.

Much of the detail design had to be worked out by Art Davis' model shop since lack of time made final drawings impossible in many cases.

A major portion of the ingenuity necessary to decipher the sketches was contributed by Lyman Wells and Bob McFarlin in model shop.

Engineering specifications for the project were placed in the capable hands of Ed Hirt, who co-ordinated the many problems and details.

The team work and cooperation of these men and others involved in the project made it possible to deliver the first unit to Shell Development Co. during the first week of June, only 100 working days after design had gotten under way.

The Sine Wave Generator has some interesting and unusual design and construction features, which are roughly outlined below for those interested.

The specifications called for a generator which would provide harmonic motion, mechanically adaptable to pneumatic control devices. The output wave form had to be accurate to within 5% total distortion over a frequency range of .03 to 1200 cycles per minute. The center position of the wave form had to be adjustable through one inch of movement.

## Ducks Can't Elude Librascope Hunters

On a recent week-end trip the sharpshooter representatives of Librascope were on hand to greet the "Quackers" at Big Bear Lake.

Paul Litvinoff, inspection, and his wife, Mary, were the hunting guests of Skippy Case, engineering, and his "gun woman," Gerry, at their hunting cabin on Big Bear. The hunting party was later joined by Paul Lively and Pat Lombardi, grinding dept. Shooting was good, with both girls showing the men how to knock down wild ducks.

The comic event of the day was when Litvinoff's wife, Mary, winged a hi-flying Pintail. While all parties were watching the duck sailing down over Paul Lively's boat, both Paul and Pat took a quick shot and missed like heros, as the duck splashed into the lake and began swimming away in the rough choppy water.

Paul Lively and Pat Lombardi both gentlemen hunters, wanted to give the "coup de grace," both took shots at Mr. Duck and missed. After shooting seven times at the wounded duck, Lively grabbed an oar and swung away at the duck. Litvinoff's wife, Mary yelled out across the lake "Stop beating my duck to death you bully." After some 10 minutes of oar swinging by Lively he finally got the duck for the lady.

All in all, a very fine hunt, and after all a wonderful dinner prepared by Skip's wife, Gerry, with Skip presiding over the barbeque, the tired hunters and their "gun molls" turned in early in anticipation of the next days hunt.

## Basketball Team To Open Schedule

The 1953-54 Librascope basketball team was organized last month and is scheduled to see action for the first time the week after Christmas.

The team meets at John Burroughs High School in Burbank every Monday, Tuesday, Wednesday and Thursday nights.

Teams with which the Precisioners will compete this season include the following: Bendix, Collins Radio, Weber, P.A.C., Menasco, Slick and Adel.

## Hunters and Ducks



## Assemblers At Work



Caught by photog Lee Dugan at work in the assembly department (above) are Doris Reay, Leona Sahl, Earl Teats, Buzz Newman; Art Vicenti, Billie Coats, Steave Jackman, Richard Girouard, Vern Mayclin, and Ed Bacon.

## Assembly Group Is Skilled in Many Jobs

Typical of the phenomenal growth of Librascope is the assembly department housed in building 2. When Mr. Darby, general foreman of assembly, started with the company in 1941, the department personnel numbered exactly four employees. Today, in 1953, there are 128.

In general, the personnel of the department is engaged in what are termed short run jobs. Unlike most firms, Librascope job runs are comparatively short, with contracts and orders often completely in a few months assembly time run and seldom exceeding a run a year or two.

Consequently, in often setting up runs of new type computer assemblies a wide variety of job experiences is required. Within the assembly department are skills of virtually every description, from men adept at watchmaking to girls highly trained in the wiring of electrical components.

Early in Librascope history the chief occupation of the few employees was the assembly of our balance computer, designed by Mr. Imm. Manufactured in fair quantities and of several designs all of which were similar, the accurate assembly of these instruments went a long way toward establishing the Librascope prestige for which we are noted today.

In the days of the balance computer, assembly was exclusively engaged in mechanical operations. Today the picture is a combination of mechanics, optics and electron-

ics, all fitting together like the proverbial glove to produce the amazing variety of equipment we build today. In every instance, accurate assembly of delicate instrument components is the order of the day. Some projects now being assembled require the painstaking fitting of parts to the point where lapping is an absolute necessity.

Differing vastly from the usual assembly by other firms, we have no intricate machines where an "assembler" can place parts in and have assemblies turned out at a rapid pace. There are machines used in our assembly techniques, but in every instance however they are a means to an end, and that end is the hand fitting of several thousand parts into one finished instrument.

An example of an assembly machine is one of the arbor presses where, for example, a ground shaft can be accurately pressed into an answer arm and held to a close accuracy in squareness to a machined surface.

To facilitate production and conserve work areas, our various jobs are efficiently grouped. For example, both the Mark 42 and Mark 5s occupy lines the entire length of the assembly room, as also does wiring. Mark 30 and the APN group have their own sections. In every instance the assembly of one instrument does not interfere with another line. For the assembly of those of our instruments using lenses and prisms, a dust free room is utilized where also is assembled our famous integrator.

Next to assembly at the far end is the adjustment department through which most of our instruments must pass prior to delivery. At the opposite end of the room is that great provider of parts, our general stock room, where for each of our thousands of components there is a bin or numbered container all of which are under an intricate cataloguing-index system.

An assembly employee does not have to wait at a stock-room win-

dow for parts with which to build an assembly. Instead, our production control department accumulates all of the parts for any job, even to a tiny washer, and then releases a complete set of parts multiplied by the quantity of instruments to be built. In event of shortages or parts to be replaced, the assembler need only employ the services of a dispatcher to continue the uninterrupted flow of work.

In close co-operation with the assembly department, the inspection department maintains several work stations for the continual quality control required of our intricate assemblies.

The guiding hands behind our assembly operations number twice the total of four employees back in '41. There are nine supervisors in the assembly as of today.

With vast assembly skills to draw from and well over a decade of past experience, the assembly department is doing a fine job in maintaining the Librascope reputation for which we are famous and justly proud.

## Al Piatt to Read Paper on Computers

Al Piatt, development, journeys to New York next month to deliver a paper on computers before the American Society of Mechanical Engineers.

Piatt and other Librascope employees will join other top engineers from throughout the country at a week-long meeting. They will participate in discussions on the Sine Wave Generator and other computer developments.

In his paper, Piatt discusses open and closed loop computing systems, their components, and their application to industrial control.

## Absence Reports

The personnel department reports that some employees are not making out absence reports following absence from work. It is important that such reports be filled where absence occurs the day before or the day following a holiday, as the absence must be approved in order to qualify for holiday pay.

## Pam Crawford Leaves

About 70 persons gathered to say farewell to Pamela Crawford, Engineering services, last month at an informal party in Griffith Manor Park.

Pam left November 27, after about two years at Librascope, to await the arrival of her first child.



## Many Hobbies Are Pursued By Librascope's Employees

Noah Webster says, "A hobby is one's favorite pursuit or object."

With this in mind, let's take a peek around Librascope and see just what our fellow workers do after leaving the gates of the company behind them.

Moe Lehman is president of a newly organized stamp club. This gang consists of 12 members, including Cesar Goldstein and Joe Leonardi. Moe assures us the stamp collector is a busy soul. The gang boasted an eye-catching, award-winning display November 16 through 22, honoring National Stamp Week. The club meets semi-monthly, on Fridays. All interested are urged to join.

The Camera Club is another organized hobby group that gets its kicks out of getting pictures of other people getting kicked, or whatever the case may be. Paul Lively is Mr. Big in the flash and film aggregation, along with Lloyd Somerfield, Ralph Woodward, and

Sam Galindez. Paul invites all Precisioners to join. Thirteen other flash-happy characters also extend the welcome mat.

Phyllis Cooper, Gina Kinghorn and Dorothy Willard are the big three when it comes to knitting. These gals spend their leisure time making big ones of little ones. They boast some praise-winning garments, such as knit dresses, sweaters, and those ever-loving argyle socks.

Jule Harrah, Dean Fredericks, Wilbur Silvertooth, Fred Lenzen and Harry Fasola have hobbies of tinkering with machines around the home.

Fasola is building his own precision made sports car—right at home, yet.

Chuck Tylersmith has one of the most interesting of hobbies. He digs Astrology the most, to say the least. Chuck has studied this intriguing subject for about eight years. He has memorized the personalities of several thousand people, such as movie stars and political figures. Chuck can name approximately 300 birthdays of people here at Librascope.

Ed Jackson has a hobby of collecting miniature license plates. He has plates of all the 48 states Hawaii and Alaska. He plans to conclude his collection after he acquires plates from all the foreign countries. Then he'll go back to his original hobby of collecting Raleigh coupons.

Tony Noriega and Danny Sanchez devote their spare time on the upkeep of their real cool, crazy cars. Tony is president of a going Hot Rod Club, the incomparable "Pokers of Burbank."

They say we spend one third of our life in bed, one third at work, and one third on these various and pleasant pursuits. So come on, gang. Let's leap on the old hobby horse and get organized.

by Dave Abedor



New Year's resolutions were made early this year by three of the gals. No more "roughing it." It was Elsie Stefurak's and Doris Appleby's first experience with sleeping bags. Jennie Sedita claims she enjoyed it. The girls "roughed it" at Death Valley—even met the famed "Death Valley Scotty," who gave them a few pointers about the Wild West.

Football may be a man's game, but it's a woman's opportunity to make a little extra cash. We're speaking of the football pools, of course, and Mary Butler and Lois Biggie, two gals whose luck padded their wallets with good old greenbacks as a result of football game scores. The fellows can have the game, we'll take the winnings, — eh, girls?

### BRIEFS!

The wiring group is happy to see Mary Stroud back at work again and feeling fine. Mary underwent major surgery and was away for 11 weeks.

They say Nellie Cox, who originates from "deep in the heart of," calls a certain town in Canada Montre you-all.

Marilyn Shatz and Carol Marshall have been bowling on a league team at Jewel City. They claim the new automatic pin setters have helped their scores. Could be they are watching the pins closer instead of the pin boys.

## Deal On Lewyts

An unexpected opportunity to offer Librascope employees an excellent bargain in Lewyts vacuum cleaners was seized by Eileen Brown just before press time. She may have a few more left, available to Precisioners for only \$65.50. (price outside is more than \$100).

## Smile Pretty For the Birdie

Everytime you see your face staring back at you from your Librascope identification badge, do you wince sharply and wonder if the photographer was a former Sing Sing employee?

It wasn't the photographer's fault, boys and girls. You just looked that way. But now you'll get another chance to make like a movie star, since shortly employees will be "shot" again for the new identification badges. You might try standing before a mirror and saying "cheese" a few times. This is a time-honored method, we're told, practiced by all celebrities.

There will be little chance of anyone not seeing the new badges. They will be about one-half again as large as the present jobs.

Originally, it is understood, Librascope was surveying samples of six delicious colors offered—green, pink, blue, brown, orange and purple. However, it was decided to stick with the old standards, red, green and yellow. No new identification cards will be issued—just badges.

## Librascope Forms Apprentice Group

Because of Librascope's continuing expansion, the company has withdrawn from the Greater San Fernando Valley Metal Trades Joint Apprenticeship Committee and established an in-plant Librascope Joint Labor-Management Committee.

Members are Lloyd Somerfield, Dick Bartlett, Joe Merchasin and Loy Thompson. Included are two ex-officio members, one from the State of California Division of Apprenticeship Standards and one from the Burbank Superintendent of Schools Office.

## Technical Library Offers Best Of References for Researchers

Many Precisioners may not be aware of the fact that within our company we have an excellent technical library covering the mechanical and electronic computer field.

Located in the rear of building 1, and under the able direction of Herman J. Schultheis, is a collection of more than 1000 reference books on technical subjects, many trade and engineering publications, and a complete file of more than 100 different business and commercial magazines to which we subscribe each month.

Assisting Schultheis in the operation of the "Librascope Library" are Naomie Hawkins, Donna Diedrichs and Marilyn Marson. All books are cross referenced and a charge-out file is maintained. New books are procured upon request either by purchase or by check-out from local libraries such as that maintained by Los Angeles County and various universities.

All magazines are logged in and reviewed for new materials, processes, and developments. They are then routed to those management or engineering personnel having knowledge of the items covered in the special articles selected. Technical magazines are kept on file permanently for reference by our research groups,

while most magazines are disposed of after eight months.

There is an extensive reference library of pamphlets, magazines cut-outs, photostats and materials concerning computers, electronic components, optics, and other items which are frequently called for by the engineering department. Assistance is given to groups engaged in special projects to provide them with related developments and data. Research reports covering hundreds of applications and various special types of computers are indexed and on file.

As a side line the Engineering Library keeps informed on all meetings of professional interest, especially in the computer and related fields. These conventions, conferences, seminars, exhibits and instructional classes are attended by various employees of the engineering department.

Ask Laura Pond about spacious living. She recently acquired a new trailer, almost twice the size of the old one.

Lorraine Thompson is worried about having lost her touch. She claims at one time she could smile her way out of a traffic ticket—But not so the other day.



## Gun Club Started

Rifleman, pistolers and skeet and trap shotgun artists at Librascope have organized a gun club which already has been invited to send a pistol team to compete in matches with 20th Century Fox and Columbia Pictures.

The Librashots believe they can shoot the—you'll pardon the expression—pants off the opposing teams.

Members of the newly formed club include Skip Case, engineering; Ed Dobstaff, inspection; Paul Litvinoff, inspection; Paul Lively, grinding; Paul Porco, inspection; Pat Lombard, grinding; Willard Mather, adjusting; Carl Culver, assembly; George Henderhan, DFR; Glen Reyman, DFR; and Urban Kemme, assembly.

## BIRTHS

Dick Schmauss, assistant foreman in machine shop, is proud to announce the arrival of his small daughter, Pamela, born November 28. Congratulations, Dick.

Blankets from the Precisioners were also given to:

Mac McKeague, personnel, a girl, Colleen, born December 6.

Charles Carnahan, production control.

Art Davis, model shop.

Dick Schmauss, machine shop.

## The Librazette

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### EDITORS

Jim Lewis, Stan Bibbero

### STAFF

Millie Calitri—Engineering  
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Wally Tyler—Assembly  
Dick Hastings—Personnel  
Carl Culver—Assembly  
Arlene Hesse—Inspection  
Juanita Delle Fave—Drafting  
Doris Appleby—Assembly  
Chuck Freeman—Accounting  
Keith Kinnaird—Publications  
Dick Bartlett—Personnel  
Photography by Lee Duggan

## PROMOTIONS

Leona Jones, Typist to Stenographer.

MacMayclin, Scedule Clerk to Parts-Coordinator.

Rolland Tanner, Expediter to Dispatcher.

Frank Daley, Expediter to Dispatcher.

Gus Anderson, Assem-Optical Inst. to Instrument Maker Optical.

Wayne Harrison, Mach.-Experimental to Instrument Maker Optical.

George Poppa, Mach.-Tlrm Grinder to Mach.-Tlrm Grinder-Ldman.

## Accidents In Plant Show Decrease

The Safety Committee reports the number of accidents through November of this year is 23 per cent lower than the same period last year.

The number of lost time accidents is also lower than last year and currently we are in second place in the National Safety Council standings among 14 companies in our category of metal products manufacturers having more than 300 employees in the Southern California area.

Ratings are based on the number of lost time accidents per million man hours worked. Our rating is presently 4.9 per cent in comparison with the group average of 9.23 per cent. Since only the worker can prevent accidents we can each take pride in our accomplishment.

## Tennis Tournament

Jack Klosterman, model shop, won the table tennis tourney held at the Olive Street Recreation Center November 9.

All interested have been asked to watch the bulletin boards for details on the next tournament for Librascope employees, scheduled sometime in January.