



SERVICE PINS are awarded employees when they complete five years of service, and a different pin is given as additional five year marks are attained. The plant's three 15-year men gathered the other day for a picture while a few other recent pin winners look on. Herb Horn, Plant Engineering, one of the three 15-year men, looks at Glenn Odekirk's 15-year pin, with Bill Dreher, popular plant gardener, who

has his 15-year pin, looking at Herb. Mr. Odekirk is assistant to Howard Hughes. On the left is Harry E. Fournell of Production Control and Tooling, a 10-year man. In the rear is Kenneth Abbott of Sheet Metal, a recent 5 year pin winner, and on the right are Stanley Bell and Gunnar Nielsen, both recent 10-year men in Aeronautical Engineering.

## Plans Approved for New Addition to C Building

### Hurry with Slogan And Win Your Day With a Movie Star

How would you go for a day with a movie star, take a trip through a movie studio, and top it off with dinner at Ciro's?

We're not kidding. We're trying to lend our support to the coming Community Chest drive which this year must raise 20 per cent more than it did last year to meet the needs created by increased population.

But back to your chance for a Day with a Star. All you need do is complete this sentence in 25 additional words or less by Nov. 15. "I support the Community Chest Because . . ." Your entry should be brought into or sent to the Hughesnews, Personnel Office.

Be sure that your name and where you may be reached is clearly printed on your entry. And hurry, because some of the entries will be read over radio Community Chest programs.

This contest is entirely conducted by company newspapers and is open to employees of Southern California industrial plants. The best entries from Hughes will be forwarded to the central committee where the winning selection will be picked.

With the plant's accelerated program in the Department of Electronics and Guided Missiles, plans have been approved for additional office and laboratory facilities for that department.

The additional facilities will be accomplished through an extension of Building C 200 feet farther west, lining it up with the end of the new Manufacturing Building T. The addition will be two stories high and will contain 60,000 square feet of space.

Jack Jerman, Works Manager, estimates that ground will be broken by the end of October and that the building will be completed by the end of February.

The construction will necessitate the relocating of the paint shop and plating building. That building will be moved back of the cafeteria and will house the garage and maintenance department. The paint and plating facilities will be relocated in other buildings. Sections of the Department of Electronics and Guided Missiles now housed in other buildings will be moved into the new addition.

D. H. Evans, manager of the department, has called upon all section heads for requirements so that plans can be drawn by the architect, H. L. Gogerty. The construction is under the supervision of John Stearns, plant engineer.

## Company Cited by Legion for Work With Physically Handicapped Vets

Advance information has just been received from Mr. J. J. MacGillvray, Public Relations Officer, Twenty-Third District, Department of California, American Legion, that as a result of a state wide survey of California industries, Hughes Aircraft Company has been cited by American Legion National Headquarters for the Company's interest in the employment of physically handicapped veterans.

Mr. MacGillvray stated that a formal citation will be awarded in connection with the national observance of the week of October 2 to 8 established by Congress during the last world war as National - Employ - the - Physically - Handicapped week, known as NEPH Week.

He further stated that this will be the only award of its kind to be made in California.

"The purpose of NEPH Week" said Mr. MacGillvray, "is to appeal to employers throughout the nation to give consideration to the physically handicapped and to utilize their ability whenever possible."

## Shucks, Foremen Can Afford More

There's no use disputing the point — the foremen place a higher value on their weekly meetings than do the top executives on theirs.

An executive missing or coming late to Wednesday meetings pays a fine of 25 cents, just two-bits, into a kitty. A foreman arriving late or missing Thursday meetings plunks down \$1, an even buck.

## Hughesites Enjoy Dance at Riviera

Our Riviera Country Club dance, sponsored by the Hughes Employees' Association, was claimed a most enjoyable success by all who attended.

More than 500 "Hughesites" and friends gave justice to the smooth marble dance floor, and to make the evening perfect, the Pacific Palisades lent its cool breezes.

Our Hughes orchestra, led by "Maestro" Chuck Bradley, was resplendent in their new dark blue jackets and yellow ties, to say nothing of the finish touch of a red carnation in their boutonnières. The popular arrangements given out by the band and the "swoon" qualities in Bill Troy's voice, was accepted with much enthusiasm by the crowd. In fact, the boys had a difficult time signing off at 2 a.m.

If you milled around between dances in the lobby, on the verandas, or "refreshment section," or wherever you strolled, everyone was having a good time. It was strictly a non-wall-flower affair.

Signe Howard, Helen Hinkle, Marge Boyd and Janice Adamar were hostesses at the door, with Bill Hancock and Otis Howard assisting.

## Employee Officers Have Christmas Card Offer

As a courtesy to employees, the Hughes Employees' Association has announced that personalized Christmas cards will be available through the association at 50 for \$1 and up to 25 for \$10. Samples can be taken home for selection. Contact any association officer for information.

## Salaried Workers Get Pay Increase

A pay increase for salaried employees which became effective September 1 was announced last week by Gen. Harold L. George. The increase was for \$10 per month or two per cent of base salary, whichever was the larger.

The salary raise followed closely the company's decision to raise hourly rates and was made in line with the policy of paying prevailing wages and salaries of the industry in this area.

## Famous Pilot Will Be At Controls To Flight Test Hughes Helicopter



Al Bayer, now test flying at the plant, is shown at the controls of a hovering XR-8 helicopter.

See Story on Helicopter, Page Four

## New Badge System Devised to Give Added Security

It's bound to happen with early deadlines. Between the time the last issue was made up and then distributed our story on new badges became a dead duck.

Because of additional security requirements the entire badge system is being changed. New badges will carry the employee's photograph, his name, the shift worked, the department number and the privileges authorized.

Frank Casey and Bill Short are in the process of working on the new badges.

## 'I Heard It From a Guy Who Was Told by a Guy Who Was Told by'—Etc.

What can happen once a rumor gets going was again illustrated Sept. 8 at the plant—and for most of Los Angeles, for that matter.

It was reported to the News that the much-talked-of hurricane had reached Ocean-side. That was told us by a person who had talked to a person who had listened to the radio. A check in another office revealed that it was to hit here about 3 o'clock that afternoon.

Then we called an official source for weather information who told us there would be no hurricane at all—which was correct.



HERE ARE THE OFFICERS of the company's American Legion post as they lined up for the camera on the night they were inducted to office. The local post meets every first and third Mondays and veterans of either war are invited to join.

In the very front is Tom Cain, Harbor, historian; From left to right in the front row are: Harold Haff, production control, chaplain; Tom Lazio, flight service and test, executive committee; J. L. Connella, mockup, executive com-

mittee; Jack Zimmerman, purchasing, past commander; Ben Richman, electrical, finance officer; T. D. Dickerson, inspection, first vice commander; George Studer, engineering consultant, service officer; and Elmer Johnson, materiel, sergeant-at-arms.

In the rear are Robert Bruce, production control, judge advocate; Cecil Harshman, electrical department foreman, first vice commander; Harry Sellers, industrial relations, commander; and Earl Daly, purchasing, executive committee.

### E. and G. M. Reporters Discuss Doings Of Persons in Wide News Variety

Thirteen new members have been added to the Missile Electronics Section headed by Nate Hall. Included are: Bob Bundy, Philip Cruse, Norm Fjeldsted, Jack Green, Hal Gruener, Bud Hoffman, Renne Julian, Wiley Kennedy, Arlene Marks, Bob Rockwell, John Sinclair, Al Stephenson and Fred Van Kirk.

The Circuit and Systems Development Section (led by Bob Shank) spreads the welcome mat for Sam Langberg, Russ Stanton and Ed Steel.

It seems Dept. 04 has some very "education-minded" people. Max Clay, Al Amaya and Lou Zaragoza will be seen at SC night classes. You'll find Bill Rumer and Wayne Hodder rushing madly between Cal Tech and Hughes on their part-work and part-school schedule. You will also see Lee Manges, Bette Burke and Rosalind Robison slaving away at night school, although not on such a technical program.

A hot tip from Gene Solts tells us that Loyola University is willing to teach mechanical engineering at night classes if at least eight persons will sign up. Please see either Gene or Frank Williams in Drafting, Building C.

Field Engineering has finally decided that television is here to stay and the engineers (Bob Johnson and Russ Randolph among them) are proving it by building their own sets. Sandy Barnes of the Solid State Lab. is another TV-set builder.

Hazel Opstad tells us that she spent a perfectly wonderful weekend in Sequoia hiking up one trail and down another, while Steve Campbell reports a gay time at Palm (103° in the shade) Springs.

Friends of Olene Moss will share her happiness over Joan Annette, who was born on Sept. 6. Congratulations to the Al Pauls who have announced the arrival of little Christy Lee . . . and to the Ray McInnes' who were married Sept. 15. Ray and the former Miss Betty George are honeymooning in Las Vegas.

Lone-wolf Charles Lockerby, who has been baching it at the officers' quarters at Alamogordo, was married Sept. 17 to Miss Marie Brown. The honeymooners

Sept. 23 Evelyn Lamar of Baltimore arrives to be married to Jack Carman. The couple will spend a week at Lake Arrowhead before setting up housekeeping in their new home in Tarzana.

Betty Jauregui has returned from a trip through Yellowstone Park and Gloria Cozzi returned on Sept. 12 after spending a month in northern New York State. She had a very interesting trip, was missed by all her office friends.

Al Fulton and Dale Scarborough of the Computers and Controls Section returned from a tour of northwestern United States. They traveled north from the Grand Canyon through Zion, Bryce Canyon, Yellowstone and Glacier National Parks to Canada, visited Waterton Park, Banff, Jasper and Kootenay National Parks and Lake Louise, and returned via Spokane, Washington, where they visited Grand Coulee Dam and Mt. Rainier National Park, Puget Sound and Olympia National Park. Sounds like a wonderful trip—two months long.

Dr. Gene Grabbe's 422A group has moved from Bldg. B to the Loft in Bldg. A.

Bill Hebenstreit, Navigation and Radar Research Section Head, has returned from a vacation at Arrowhead, and Bill Jamieson, Antenna Section Head, has "come back to work" after a relaxing two weeks spent at Pacific Grove, California. Bill spent his time lying in the sun and swimming in the Blue Pacific with Mrs. J. and their three red-headed daughters, Linda, Sue and Kathy. Other men in the Antenna Section welcomed home from vacations are C. G. Carlson, back from Pigeon Lake, Edmonton, Alberta, and Art Blight, who is again "office-bound" after a week's vacation hitting the night spots in and around LA.

After reading the article appearing in the last issue of Hughesnews concerning the cat and eight monkeys to "Fluffy," Bill Henry feels he should warn all monkeys to beware. "Fluffy" is a fifteen year old cat with a 7" O.D., a 36" over-all length, and is over a foot tall. (Furthermore,

### Blimp Crew Makes Ready for Flight To Moffett Field

By Tommy Lazio  
Bob Davis and crew are again making preparations for the annual flight to recharge the helium in the blimp. This time the crew will take the ship to Moffett Field since the Santa Ana air base is closed.

Jim Maloney will pilot the ship. Maloney had hopes of bringing his own co-pilot but Mrs. Maloney said, "Can't you wait until he's at least 2 months old?" So we're afraid Maloney will have to contend with either Davis, Lazio, or Krone as co-pilots and rigger.

The Krone family is now awaiting a co-pilot. At least they hope it will be a boy. Best of luck to the Krone from the "Blimp Crew."

A number of employees and friends have asked me how the wife is doing since her termination due to illness. She has improved a great deal but is still far from being good. Thanks to the many who have asked about her.

### Sheet Metal Has Good Fruit Grower

By Helen Wehmeyer  
We have a horticulturist in our department, Harold Zillman, who has been experimenting with fruit for a good many years. He has developed several varieties. One of these we have tasted and enjoyed is his orange peach. Another outstanding experiment are his grapes. Grafted together are Mission grapes which are used for port wine, and muscats which are used for muscatel wine. A very tasty grape, but what would you name a wine made from that combination?

Stuart (Red) Wilkerson, was a mighty lucky person to spend his vacation on a trip to Alaska. Red was accompanied by his lovely wife, Trudy, and two aunts from the East. Many tales and pictures tell of a wonderful vacation.

George Harvout has become a bicycle enthusiast and now peddles 8 miles back and forth to work. Very healthy, he says.

Something for the girls! George Schaechtel, young, over 6 feet and single.

R. E. (Red) Walker, now holding down "Tina" Ashburn's job

## CLASSIFIEDS

### FOR SALE

RUGS—100% wool, set of 9x12, 5x7, 3x5 with mats. Excellent condition. \$50. Sid Sturza — ARIZONA 9-7353.

MANGLE, Horton, on rollaway table (drop-leaf) in excellent condition. \$35. Sid Sturza — ARIZONA 9-7353.

GIRL'S Schwinn bicycle, 26-in. wheel base, basket, lock, fleece set cover, practically new. \$27.50 — Harry Weller—S. M. 6-8880.

INDIAN Chief motorcycle, 6 months old, many extras. \$675. — S.M. 4-2165.

WOMAN'S "Chicago" roller skates, size 8, with metal case, nearly new. \$15 — Sy Schoen — VE 9-5943.

THAYER baby buggy. Good condition. Cost \$50 new. Will sell for \$15. T. J. von Blankenburg — Walnut 3461.

GENERAL Electric all automatic washer, perfect condition. Like new. Cost \$369, plus tax. Will sell for \$275. Bob Plant — OR 1-5933

EMERSON 12 1/2-inch table model TV. L. B. Kilman — Ext. 269.

TWO level lots, 25x100, 1 1/2 miles from Crestline, water rights, electricity, paved street. \$500 each. C. A. Reeves — Frontier 4-4786.

SPECIAL 1937, 4-door Dodge sedan. Good motor. \$125. S.M. 6-3870.

MAYTAG washer, \$40, and Thor Gladiron mangle \$35. Perfect condition. Crestline, water rights. S.M. 7-1748.

COOLERATOR ice box, capacity 75-lbs. \$50. 26-inch girl's bicycle \$10. Russell Boyer — Terminal 3-0179.

COMPLETE 8 mm Movie outfit — Eastman Model 90 magazine camera — also wide angle lens, lens shade, filter, saddle leather fitted carrying case, Craig Sr. action editor with re-winds and splicer. Bell and Howell 400 ft. reel projector with case — all like new for \$300.00. Ask McLain — Frontier 2-9299.

NEW SINGER power sewing machine. Will sew from silk to canvas. Cost \$185. Will sacrifice for \$145. See Koren — Dept. 04

OUR OLD washing machine — but it's in GOOD condition. \$20.00. YO 1892.

1941 NASH sedan, new motor, radio and heater. \$595. S.M. 5-7467.

1939 PONTIAC sedan, 6-cyl., 2-door, good paint and tires. \$495. B. Cohen, Ext. 408.

1937 4-door Studebaker, First \$150 takes it. Al Lemoine, Dept. 51, Swing. Days, S.M. 9-1543.

### WANTED

WOULD like to trade rides with someone living in the vicinity of Gage and Vermont. Hazel, Ext. 439.

1946-48 CAR. Will pay up to \$1500 CASH. Ed Gunny, Ext. 303, Dept. 04.

BABY tenda, used, complete, good condition. Raymond Meyers — ARIZONA 3-1509.

OIL heater for house trailer. F. A. Maniatis, Dept. 25 — Ext. 361, 5649 Centinela, corner of Major, Culver City.

WANTED RIDERS, Santa Monica area via Ocean Park, Venice, Washington Blvd. Bus Webber — S.M. 4-9297.

### FOR RENT

FOR RENT—5-room house, fully carpeted, partially furnished, enclosed patio. 2-car garage. Culver City. VE 8-4090.

### MISCELLANEOUS

WILL TRADE — large 2-bedroom house in Culver Center for small house. Richard S. Meek — Call after 5 p.m. — VE 8-1545.

WILL store piano for its use. Best of care. Madeline Selwyn — AX 3-2509.

## More About --- Big Helicopter

When testing of the Hughes large helicopter gets under way the latter part of this year, the man at the controls will be one of the most widely experienced helicopter test pilots in the business. During the past four and one-half years Albert W. Bayer has flown 16 types of rotary wing aircraft, including foreign varieties as well as the majority of American makes.

Following his return to inactive status after serving as a pilot in the Army Air Force during the war, Al Bayer joined the General Electric company as a rotary wing test pilot. Later he moved to the Kellett Aircraft Corporation at North Wales, Pennsylvania where he served as engineering test pilot for a period of two and one-half years.

During these assignments he participated in flight tests on the YO-60 and XR-3 autogyros, both two place machines which were driven by conventional propellers but which embodied the "jump" take-off principle. In each craft the engine was geared to a three-bladed rotor so that the rotor could be brought to a high rotational rate in flat pitch. Then, by suddenly increasing the pitch, the machine would execute an essentially vertical "jump" take-off before starting horizontal flight.

Another novel craft flown by Bayer was a rotary wing glider developed in England. This small, one-place glider was supported by an auto-rotating rotor as it was towed in forward flight. It was designed to supplant parachutes for airborne infantry, theoretically providing the trooper with better control over his means of descent.

Al later conducted the test flight programs for the XR-8, shown in photograph, and XR-10 Kellett helicopters, both of the synchropter type. The XR-10 has been turned over to the Air Force and is still active. As a matter of fact, it is in many ways outstanding among present day helicopters in that it is the only one offering twin engine reliability. The "10" is a very large helicopter by normal standards, grossing 11,000 pounds with a 2800 pound payload. With an endurance of over three hours it will carry six stretcher patients plus a crew of two. It is among the world's fastest helicopters.

Other helicopters that Bayer has flown include the six place Piasecki HRP, better known as the "Flying Banana", the two place Bell 47, the two place Firestone, and the two place Brantley, the latter incorporating coaxial rotors. He has flown the four place Sikorsky S-51, the four place coaxial Bendix Model J, and the Hiller 360, a three place machine now being mass produced at Palo Alto. Al is one of the few Americans who have flown the Flettner 282, a two place German synchropter. He has recently flown the Kaman synchropter and the JOV-3, the latter a cleverly designed tandem rotor helicopter similar to the HRP on a small scale.

Until he begins testing our own cargo carrying jet helicopter, Al Bayer will continue to devote most of his time to piloting the B-25's being operated here at Hughes for testing of airborne radar equipment. In addition to his outstanding qualifications as a helicopter test pilot, Al has had several thousand hours at the stick of various fixed wing aircraft.

One of Al's current projects is test piloting the XA-5 helicopter manufactured by the American Helicopter Company of Manhat-



He Sailed a Boat

The man behind the pipe and the whiskers is Bill Newman, head of the photo lab, who is back on the job after being on the crew of a yacht, the Gallant, which took second place in the Trans-Pacific race.