

*Sell Aircraft*



# Douglas Aircraft News

PUBLISHED EVERY WEEK

VOLUME 19

MONDAY, MAY 5, 1958

NO. 1

## Douglas Offers \$16,500,000 Pay Boost Over 2-Year Period

Management of the Douglas Aircraft Company late Friday offered the unions a two year contract which at present employment levels would add \$16,500,000 to employees' pay checks.

**Basic hourly wage rates would be increased from 2 to 11 cents, depending on the employees' classification. In addition, cost of living pay increases, which reach 16 cents**

**an hour effective today, would be continued on the same basis as at present.**

A year after the effective date of the new contract the company proposes an additional 3 percent across-the-board pay increase.

The wage increase therefore would amount to approximately \$6,500,000 the first year and \$10,000,000 the second year, in addition to the \$20,000,000 already added during the past 21

months in cost of living increases.

**The company also offers an additional paid holiday, making a total of seven annual holidays. Date of the holiday will be designated by the company.**

Certain job adjustments to reflect current operating conditions are proposed by management. Employees in jobs that are up-graded will receive the additional amount necessary to maintain their base hourly wages in the same relative grade position.

The pay increase will be effective at the beginning of the payroll period immediately following the date of the new agreement.

**Wage increases proposed by the company would be applicable as follows:**

**FACTORY**—Labor grade eleven cents per hour; grade eight cents; grade 3, six cents; grade 4, five cents; grades 5 through 6, four cents; grades 7, 8, 9 through 10, three cents; grades 11, 12, 14, 15, 16, two cents.

**TECHNICAL AND OFFICE**—Labor grade 1, eleven cents per hour; grade 2, seven cents; grade 3, five cents; grade 4, four cents; grades 5, 6, 7 and 8, three cents; grades 9, 10, 11, 12, 13, 14, 15, two cents.

Identical economic offers were made to the Santa Monica and El Segundo IAM units and

## THOR MISSILE ON PUBLIC DISPLAY FOR FIRST TIME

America's first public showing of a Thor intermediate range ballistic missile took place at Oklahoma City last week, when the Air Force unveiled a full scale display model of the Douglas "bird."

In a ceremony, the towering white symbol of national defense was officially presented to Maj. Gen. Benjamin A. Schriever, commander, Air Force Ballistic Missile Division, by Donald W. Douglas, Jr., president of Douglas Aircraft company.

The occasion was a Space Age conference sponsored by the Frontiers of Science Foundation of Oklahoma, through the cooperation of the United States Air Force. The model missile was exhibited in front of the Municipal Auditorium in Oklahoma City and headlined a vast display of Space Age exhibits.

**The model is an exact replica of the intermediate range Thor in production and is completely assembled and handling equipment was designed by El Se-**



**PINS FOR 35 YEARS** of service at Douglas are awarded to Earl M. Neff, A-350, standing left; James C. Lacque, C-350, seated left; and Edward L. Brown, A-316, seated right. Standing, upper right, is Donald D. Douglas, who made presentation.

## Douglas Scholarships Lead Youth To Design and Invention Career

Franklin Umbholtz, 26-year-old son of Leora and Leadman Frank Umbholtz, C-127 and C-562 respectively, has distinguished himself as a designer and inventor, following graduation from Long Beach City and State Colleges where part of his education was financed by Douglas scholarships.

During his college years, he

Franklin completed four years of college courses in three years by attending night and summer schools, as well as day school. During certain periods he carried as high as 20 units.

**During a period of two and a half years he received company scholarships for 1955-56 and 1956-57, which, according to his proud parents, were of great assistance to them.**

He has sold patents to two companies. The first was for a special mat cutting device, which he sold to the Russell J. Harrington Company.

Just recently, he sold rights for his invention of a giant cantilevered high swing to a playground manufacturing company.

**This swing is now a feature attraction at El Dorado Park's new futuristic playground. He says the high swing is designed to give children a greater feeling of motion and being abandoned in space. The swing is shaped like a giraffe's neck and the arms move up and down like wings when it is in use.**



FRANKLIN UMHOLTZ

except for a warhead, guidance and fuel systems and miscellaneous circuitry. A specially designed, collapsible, four-legged display platform is substituted for the Thor's launching pad.

Under jurisdiction of Air Force Orientation Groups at Wright-Patterson AFB in Dayton, Ohio, and at Norton AFB, San Bernardino, the model will now begin a nation-wide exhibition tour and is now on display at Eglin AFB, Florida. On Saturday, May 10, it will be the top attraction for Armed Forces Day activities at Andrews AFB, Washington, D. C.

The model, assembled at the Douglas El Segundo division, was flown to Oklahoma City.

**During an informal pre-delivery inspection at El Segundo Hangar B3, Lt. Col. A. K. Jacobsen, a member of General Schriever's Ballistic Missiles Division staff, accepted the Thor from H. G. Hynd, vice president-general manager of the El Segundo division, and R. J. Johnson, assistant chief missiles engineer from Santa Monica.**

Witnessing the acceptance were Capt. R. M. Gibbons, Navy Bu-

## SM Mgm't Club To Hear Talks on Russia Travels

International correspondent John Morley will headline the Santa Monica Division Management Club meeting May 14, describing his travels inside Russia and elsewhere throughout the world.

Recently returned from his fifth trip around the globe in the past seven years, Morley will describe important events which have occurred of late "behind the Iron Curtain" and will relate details of his interviews with various world leaders.

The meeting will be held at the Del Mar Club with dinner scheduled for 6:30 p.m. A social period will precede the dinner.

guano's engineering in private training unit and various tooling departments in liaison with Santa Monica missiles personnel.

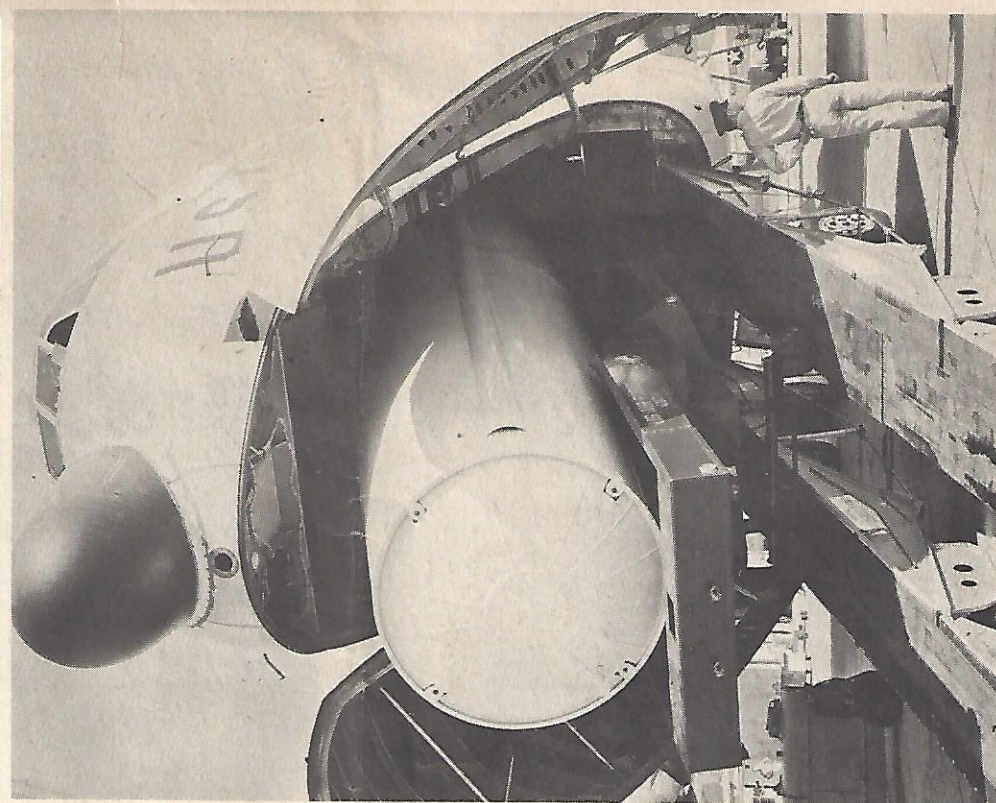
Currently accompanying the Thor during its initial "shake-down" showings are Bob Ferreaez, B-250; Art Boillot, B-632, and Hank Jennewin, B-637.

### Hyperion Tour Thursday

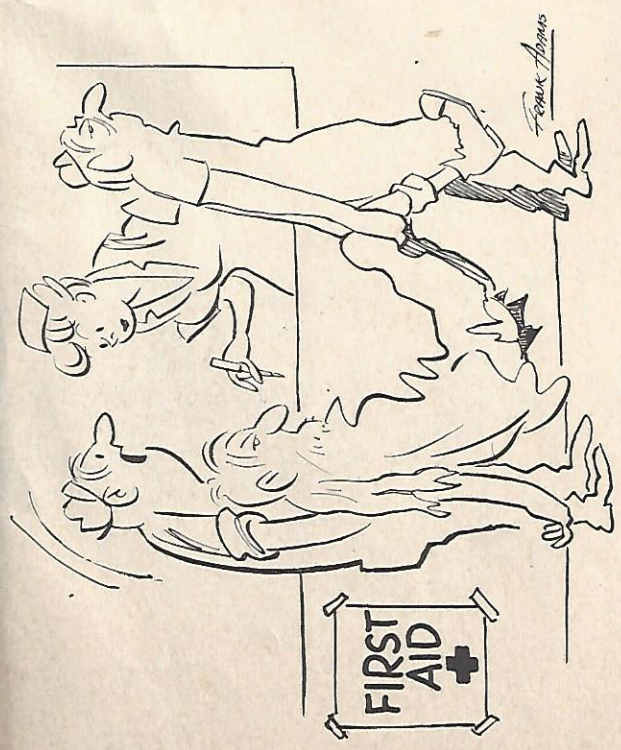
Members of the Santa Monica division Beehive Club and their guests will tour the Hyperion Sanitation plant Thursday, beginning at 7:30 p.m. The plant is located at 12000 Vista Del Mar, Playa Del Rey.

## Former Missionary Speaks at Meeting

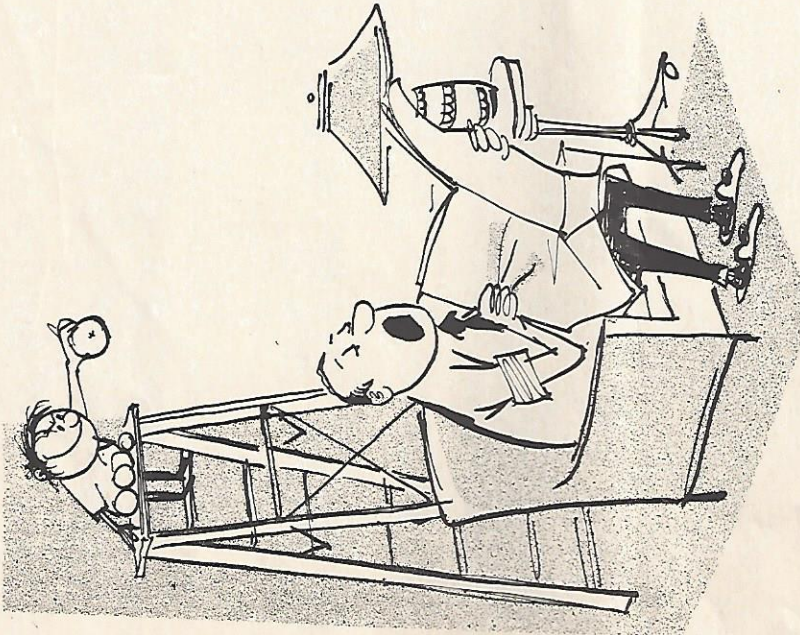
When the Long Beach Christian Fellowship meets this Friday, it will have as guest speaker, Nelson E. Hinman, former chaplain of the California State Senate and missionary to Brazil. **The first lunch-hour meeting is scheduled for the northeast corner of building two.** Fellowship members on the second lunch period will meet in the industrial training room of building one at column 29C.



**ALL ABOARD!**—Giant C-124 Globemaster opens wide its jaws to take aboard the Air Force's new public display model of the Douglas Thor intermediate range ballistic missile.



"—YOU HEARD ME... I SAID HE WUZ SUFFERIN' FROM 'FALL-OUT'... HE OPERATES AN OVERHEAD CRANE...."



"WELL, ALRIGHT, YOU DEMONSTRATE WHAT KEEPS A SATELLITE IN ORBIT!"

## Two More Service Dept.'s Move to A23 Location

Furniture and equipment for two more Service departments were transported to the new A23 locations over the weekend, completing the shift there of 250 Service personnel.

The move increased to 1200 the number of service and publications personnel now assigned to the facility at Aviation and Compton Blvds. in Lawndale.

Service departments at A23 include missiles maintenance (A-213) and the data group (A-216), shifted from Unit 52 at Santa Monica, and aircraft.

huge Donald W. Douglas Per- individual bowling honors in

Long Beach and Tulsa UAW



**1958 SCOUT-O-RAMA PREPARATIONS** come high on the list of important activities these days as Cubs Raymond Dorwart, Alan McKenney and Bradley Moore of Den No. 2, Hawthorne Pack 297-C, visit the El Segundo division to assist with the construction of their display. The El Segundo Division is also the "cooperating partner" of a unit booth and a District Host booth.

## Outer Space Weather Bureau Need Forseen

Creation of an "outer space weather bureau" to track and avoid deadly clouds of meteoroids may be needed for man's successful conquest of space, A. M. Mayo, chief equipment and safety research engineer of the El Segundo division disclosed.

Mayo made the disclosure as a guest lecturer in the statewide space technology series sponsored by the University of California.

He declared the science of predicting and locating high concentrations of meteoroids or "space debris" may become "at least as important as that of celestial navigation."

except for guidance

## El Segundo Goes All-Out For Scouts' Big Show

Douglas' El Segundo division is again joining hundreds of Boy Scouts and other businessmen in Southern California in preparing a forceful answer to claims that American youth lacks scientific and technical ability.

The proof will be presented at the 1958 Scout-O-Rama in the Los Angeles Memorial Coliseum, May 24. The theme this year is "Preparing for Tomorrow's World."

As a "cooperating partner," Douglas is working with a Cub Scout pack in the Centinela District and a Boy Scout troop in the South Bay District as well as providing a District Host booth for the South Bay District.

Cubs of Hawthorne Pack 297-C, whose theme is "Rockets", will prepare plaster space ship models as giveaways, while Cubs, This year's Scout-O-Rama

701; Jess Pettit, B6-704, and Troop Coordinator Keller Lottermoser, B-653.

Tickets for the Scout-O-Rama, which opens at 1 p.m. and lasts until 10 p.m., are now on sale at El Segundo and Torrance welfare offices for only \$1. Children under 11 will be admitted to the gala event free of charge when accompanied by an adult.

training (A-940), moved from A15.

To complete the sequence of moves, aircraft field service (A-950) and missiles field service (A-960) will shift from A15 to Unit 52, according to W. C. Winkler, service manager.

In addition, the Thor part sales group (A-128) will move to

pronations personnel, shifted during the past month from A19, A2, A14, A15, and A16 to A23.

Exterior construction of a building adjacent to the publications-service structure is virtually complete. Eventually this building will house a cafeteria, a maintenance shop and a DC-8 flight simulator and training school.



**NEW AMATEUR RADIOMAN**—Division Vice President-General Manager Harold G. Hynd, honorary member No. 1 of the Douglas El Segundo Amateur Radio Club, listens attentively as Rod Hamel, B-657, club activities chairman, explains how to tune in stations around the world. Hamel also presented Hynd with his official membership card in the "ham" group.

## Lorenz New Prexy Of Toastmasters

Len Lorenz, A2-566, is the new president of the Douglas Toastmasters Club No. 2279, sponsored by the Santa Monica division Management Club.

Installed at a recent meeting, Lorenz accepted the gavel emblematic of office from Gene Decker, A-585, outgoing president.

**Other club officers are:** Ray George, A-651, education vice president; Gene Pickarz, G-16, administrative vice president; Bill Hartwell, A-316, secretary; John Silva, A-579, treasurer, and George Latka, A-311, sergeant-at-arms.

A limited number of new members are sought by the club.

Published Weekly By

The

Douglas Aircraft Co.,  
Santa Monica, California

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Vice-President

Director Public Relations

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Assistant To The Director

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Production  
Jack Stimpfig

forecasting on earth."

Mayo stated that pitting temperature rise, and penetration effects of meteoroids present increasing problems as new count data become available from astronomers. In addition, he said, heavier concentrations of debris are known to exist in the tails of comets and in the form of "space dust clouds."

In what may become a major contribution to space flight research, Mayo advanced a series of complex factors which could lead to a new theory on penetration of the structural skin of a space craft.

**Explaining the phenomena created by minute meteoroids striking the skin at hypersonic impact speeds, the Douglas engineer said the energy from impact is dissipated in the form of radiation, ionization and evaporation of material, melting, heating and physical displacement.**

In addition to designing the most effective primary penetration resistance into the outer shell of a space vehicle, Mayo indicated it may be desirable to incorporate another inner surface with automatic sealing qualities.

He also revealed that data from satellite tests currently being conducted by the United States should soon be available in sufficient quantity to help science solve the meteoroid penetration problem.

**Under University of California sponsorship, Mayo is presenting his space technology lecture this week in separate appearances in Los Angeles, San Diego, San Francisco, Lancaster and San Bernardino.**

"BLUNDERBUTT"



Scouts and... do Beach Troop 264 will demonstrate "Safety" in the home, in traffic and in industry.

Douglas coordinator for Pack 297-C is Harvey Mauck, B-350. Other personnel and groups assisting Mauck are: Bob Reynolds, B-350; Joe Wrabel, Irwin Appel, B-701; C. J. Walsh, B-405; W. H. Plumer, Walter A. Hockett, B-642; C. G. Hoover, Ross Pigley, B-704, and Troop Coordinator Helen Kiriakides, B-321.

**Coordinator of Troop 264 is Lloyd C. Pillsbury, B6-302, who is being assisted by L. D. Bishop and Leonard Stagnaro, B6-**



**FIRST INTERNATIONAL TELETYPE LINK** between Douglas service representatives at Honolulu, Manila and El Segundo was recently completed when participants held a three-way discussion over new facilities operated by Mackay Radio's International Telex Service. Watching a demonstration are W. C. Good and Douglas Dale of American Cable & Radio Corp.; Hal Bayer, assistant chief service engineer, and Pat Bowles.

By Wesley Herschensohn



**GRADUATION CEREMONY**—Supervisory personnel at the A8 company facility at Edwards Air Force Base pose for photographer after completing the Company Human Relations Training course. Sitting are (from left) J. L. Kirkhoff, A-140 training instructor; L. G. Vines, A-850; G. C. Fate, A-862; T. N. McCormick, A8-394; A. W. Fadke, A-856; B. R. Curtis, A8-700 and M. H. Murphy, A-867. Standing are (from left) G. M. Walker, A-862; W. H. Packer, A8-854; W. J. Cook, A-856; J. D. Newlin, A8-394; L. D. Jennings, A-856; H. E. Kinghorn, A-856; J. H. Vaughn, A-850; R. J. Armstrong, A-862; W. E. Marquette, A-862; F. W. Coffey, A-854; S. H. Nemeth, A8-700; T. W. Slack, A-852, and W. R. Patterson, A-867. Graduation was enjoyed by all.



**Camera Guild Meets Tomorrow**

The next meeting of the Douglas Camera Guild will be at 7:30 p. m., Tuesday, May 6, at the recreation building, gate 5.

Highlight of the evening will be the yearly competition of the Long Beach shuttbugs for permanent trophies.

All color transparencies and black-and-white photos which have received a first, second or third-place award during the past year in Class A and Class B monthly competition are eli-



**INAUGURAL FLIGHT OF NORTHWEST AIRLINES** new DC-7C service from Washington to Tokyo was launched with ceremony in the nation's capitol recently. The ribbon is being cut by Madame Asakai, wife of Japanese Ambassador Koichiro who stands directly behind her. Others in the photo are Senator and Mrs. Edward Thye of Minnesota on the right; Commissioner David B. Karrick (left rear) of the District of Columbia; and General Ira C. Eaker, Vice President Eastern offices of Douglas Aircraft Company, standing in right rear.

*Cubs, Scouts, Explorers of  
DAC Employs in Ticket Drive*

C-124 Globemaster seemingly peers over shoulders of on-lookers watching little girl balance her burdens in Thailand. It all took place in Thailand last month when General Laurence S. Kuter, Commander PACAF, had a Matador guided missile flown in the Globemaster to Thailand to help Thailanders celebrate their Air Force Day. Matador drew much attention.

## THREE A-611 LEADMEN RETIRE, HAPPY YET SAD

Happy, yet sad.

These were the mixed feelings last week of three A-611 leadmen as they prepared to retire from the Santa Monica division, ending a combined service of more than a half-century.

"I'm looking forward to taking it easy, traveling and relaxing in my woodshop, but, at the same time, I sure hate to leave Douglas," said Dan Whiting, one of the trio.

Echoing his comments were J. A. (Scotty) Murray and W. C. Weirick. Whiting and Murray retired effective last week, while Weirick, a veteran of 22 years in tooling, will leave the company May 29.

All were guests of honor at a

lunch-hour coffee-and-cake get-together attended by their fellow employees. The occasion also marked Whiting's 70th birthday.

Murray, who has visited many of the Santa Monica locations in the role of A-611 "trouble-shooter," said he is heading for the High Sierras and trout fishing. A native of Scotland, he explained with a trace of a brogue that he cannot play the bagpipes.

"I don't have enough wind," he laughed.

Weirick said his post-retirement plans include a trip to Honolulu, where he was born in 1891 during the time of the Hawaiian monarchy. The visit will mark Weirick's first return there since 1917.



"NOT YET, FELLOWS," says W. C. Weirick (sitting) as Dan Whiting (left) and J. A. (Scotty) Murray offer him cake emblematic of their retirement from A-611. Whiting and Murray retired last week while Weirick, also a guest of honor at get-together staged by fellow employees, retires effective May 29.

who were recently installed are: Frank Leavenworth, A22-250, president; Fay Coy, C8-522, vice president; Clifford Smeby, C8-514, secretary-treasurer; Ray Donovan, C8-651, sergeant-at-arms; Eugene Nye, C-643, program chairman; Tee Sugita, C-651, color chairman, and Robert Frantz, C-343, black-and-white chairman.

### Ward Promoted in Missiles Equipment

Appointment of R. A. Ward as assistant chief of the missiles equipment section at Santa Monica was announced recently by R. L. Johnson, assistant chief missiles engineer.

Ward joined the company in 1946 and worked in the Testing division and A-250 engineering before transferring to missiles. A graduate of Harvard University, he was an assistant supervisor in the equipment section immediately prior to the announcement. G. L. Hansen is section chief.

Also announced was the promotion of R. B. Rausch to an assistant supervisor in the equipment section. A veteran of seven years with Douglas, Rausch was assigned to Testing prior to joining missiles.

### AIR FREIGHT FILM

A new sound-and-color film which emphasizes the savings made possible by using air freight in national distribution programs has been released by United Air Lines for free showings.

Requests for prints should be directed to R. L. Mangold, manager of cargo sales, United Air Lines, 36 S. Wabash Ave., Chicago 3, Ill.

### Plan Softball League

A meeting to organize a Shop softball league at the Santa Monica division is scheduled for 4:15 p.m., Wednesday, at the Recreation Hall. Team managers or their representatives are requested to attend.

Cubs, Scouts and Explorers ringing doorbells to sell tickets to the Crescent Bay Area Council's annual Scout-O-Rama June 7-8.

Program for the huge exposition at Corsair Field in Santa Monica will emphasize the theme of "Space Age Fitness." Displays in some of the 185 Scout-O-Rama booths constructed by Scouting units will point up the interest of youth in "Space Age" science.

Scouts and Explorers will demonstrate their physical fitness by participating in obstacle course competitions during the two-day show. Cubs also will exhibit their mastery of physical fitness skills.

The program will include entertainment by some of the top stars of movies, radio and television and demonstrations of proficiency in sports by several

### Judo Instructions For SM Enthusiasts

Judo enthusiasts from the Santa Monica division meet Mondays and Thursdays from 7 to 9:30 p.m. at the Venice High School gym for instruction from Vince Homand, black belt holder.

Persons interested in joining the Judo Club are invited to attend the meetings. For additional information call Tom Dailey or Don McCallum at ext. 4571.

### Need More Golfers

A few more golfers are needed to fill out the roster for the Santa Monica division Tuesday Twilight league at the Fox-Baldwin courses. To sign up, call Les Ash, Santa Monica recreation director, at ext. 4338. Tee-offs are at 4:18 p.m.

### "Color" ES Noon Film

"This Is Color," a movie about the physics of color, will be featured at the noon movie at El Segundo this week. These regular luncheon attractions are screened in the Conference room at 2-C-32 on Wednesdays, and in the Engineering conference room on Thursdays and Fridays.

cil president, pointed out that Scout units will finance camping programs and other activities from the sale of tickets. Valuable prizes will be awarded to individual Scouts for their ticket-selling achievements.

Tickets sell for \$1 each and will admit one adult or two persons under 16 to either day of the Scout-O-Rama.

## All Ducats for LB Engineering Dance Sold

All tickets have been sold for the first annual Spring dance May 16 sponsored by the engineering department at the Long Beach division.

Dance Committee Chairman Berniece Kilgore says this is the start of an event which will become the social highlight of department activity each year.

Keith Williams and his orchestra will provide the music for dancing in the Magnolia Room of the Disneyland Hotel. Vocal refrains will be sung by Patti Manners.

It is a semi-formal affair which will start at 9:00 p.m. and last until 1:00 a.m.

The dance committee says that all those who attend will have a chance at some very interesting door prizes.



SONGSTRESS PATTI MANNERS, along with the scintillating music of Keith Williams, will entertain at LB dance.

# ES Miss Fitts Win Company Bowling Crown in Tourney

Page 4



**DOUGLAS' BEST BOWLING TEAM**, the El Segundo "Miss Fitts," show their haul of trophies won during the recent All-Plants Tournament. As Company Champions, the team won the huge Donald W. Douglas Perpetual Trophy, center, and each member received individual Company Championship Trophies (larger of two small trophies). In addition, the team won the Class A Championship which entitled each member to another individual trophy. Standing are Paul Meerians, B-701; Erwin Smith, B-598; Frank Ducharme, B-542. Kneeling are: Chester Corr, B-200, and Captain John McCandlish, B-256.

The El Segundo Miss Fitts, whose name apparently belies their bowling prowess, won out over a near clean-sweeping line of Santa Monica bowlers to be named Company Champions in the 10th Annual Douglas All-Plants Bowling Tournament. Their total score with handicap was 3072 pins.

As tournament champions the team was awarded the special bowling honors in both



### ucl company championship trophy.

The Miss Fitts also won the Class A championship which entitled each team member to another individual trophy as Class A champions. Santa Monica teams took home the prizes in both Class B and Class C championships.

Bowling for the Miss Fitts team John McCandlish, B-256, team captain; Frank Ducharme, B-542; Erwin Smith, B-598; Chester Corr, B-200, and Paul Meerians, B-701.

With a score of 2994, the Santa Monica Max' Cracker Jax team won the Class B championship, and the Santa Monica Model Five grabbed Class C with a 2968.

Max' Cracker Jax team included Max Wedertz, Betty Sughroue, Helen Keith, Kenneth Wedertz, and Mary Lee Wedertz. Bowling for the Model Five were F. R. Wilson, K. M. Hughes, R. A. Rubesch, W. V. Speaker, and G. T. Gibbs.

Yet to be announced are the prize winners who will divide over \$3,600 in cash prize money and others who will receive the many merchandise awards. These winners will be announced next week.

The mountainous job of verifying each individual score is nearly completed, according to Chester Glenn, tournament director, who pointed out that the tournament was the biggest bowling event in Douglas history.

Approximately 1300 bowlers saw action in the two-week-end tourney held at the South Bay Bowling Center in Redondo Beach. Totalling 2,440 entries, there were 244 team entries, 525 all-events entries, and 322 doubles entries. Singles entries totaled 596 including 505 men and 91 women. Last year a total of only 1,100 bowlers participated.

Santa Monica bowlers, in addition to winning the Class B and C events, also won top in-

### series scores. MEN'S HIGH SCRATCH SERIES Ernie Soest, Santa Monica, 674 (in doubles) WOMEN'S HIGH SCRATCH SERIES

Berneice Lorenz, Santa Monica, 636 (in singles)

### MEN'S HIGH INDIVIDUAL SERIES (with handicap)

G. R. Lewis, S.M., 636-44-680

### WOMEN'S HIGH INDIVIDUAL SERIES (with handicap)

Berneice Lorenz, S.M., 636-72-708

### MEN'S HIGH INDIVIDUAL SERIES—ALL EVENTS (with handicap)

Bob Mason, S.M., 487, 571, 542-348-1948

### WOMEN'S HIGH INDIVIDUAL SERIES — ALL EVENTS (with handicap)

Berneice Lorenz, S.M., 488, 565, 636-216-1905

### DOUBLE TEAM CHAMPIONS (with handicap)

R. Rendler and C. Faulkner, S.M., 577 and 575-156-1308.

**GIGANTIC ALL-PLANTS BOWLING TOURNEY** was enjoyed by 2,260 bowlers plus hundreds of spectators during its two-weekend running at the South Bay Bowling Center in Redondo Beach. Company championship and team class trophies have been awarded but cash prize winners and their scores will not be announced until next week because of the tremendous scoring job required in this largest of Douglas bowling tournaments, as witness two above pictures.

### 60 Golfers Tee Off

### In SM Spring Tourney

Sixty golfers will tee off May 18 at Baldwin Hills in the annual battle for the championship of the Santa Monica Spring tournament.

Trophies will be awarded in four flights of handicap play. First tee-off is at 11 a.m.

Several openings remain in the entry lists, according to Les Ash, Santa Monica recreation director. To register, call Ash at ext. 4338. Green and prize fees total \$5.



**OUTSTANDING DISPLAY** seen by thousands of people during the two weeks it was set up at the South Bay Bowling center held a prominent position during Douglas' 10th Annual All-Plants Bowling Tournament. Queen's full-color portraits were displayed with a background of bowling trophies and models of Douglas-built aircraft. Admiring the display are (left to right) Chester Glenn, B-181, tournament director; Bob Grable, assistant manager of the South Bay Bowling Center, and Fred Stach, B-181, tourney chairman. Tourney was a big success.



"BIGGEST EVENT WEST OF THE MISSISSIPPI" is the way C. E. Hughes, B-301, Suggestion Plans Association president, described the Sixth Annual SPA Conference recently held in the Hollywood Roosevelt Hotel. Over 17 displays and representatives of 150 companies were present at the event. Standing by the El Segundo division's display are George Strompl, Douglas suggestion plan and conservation coordinator; Hughes; Jerry Gibson, manufacturing control, Tulsa division; and H. F. Smith, El Segundo, who is suggestion coordinator.