

# New Douglas Plane Described to Local Civic Leaders

## Don't Try To Hit Peg, CHP Advises

While automobile speedometers are designed to register speeds of 100 miles per hour and more, it is foolhardy for motorists to try to reach this pace.

The California Highway Patrol drew this conclusion from reports of accidents received during the first quarter of 1954.

Excessive speed and reckless driving accounted for 34.9 per cent of the traffic accidents investigated by the Patrol in the first three months of the year. During this same period, 32 per cent of all moving violations which drew traffic tickets were for these same two traffic offenses.

**Not a Game**

"Motorists can no longer treat traffic law observances as a game if we are to reduce the disgraceful toll of traffic dead. It is wrong to assume that violations, especially speed violations, are all right if a traffic officer isn't there to make an arrest," Patrol Commissioner B. R. Caldwell declared.

"To combat the 'cat and mouse' attitude we will continue to emphasize visible traffic enforcement where the motorist may continually expect to see a Patrol car. Too many drivers, it seems, will behave only when they fear they may be caught," he added.

During the first five months of 1954 the traffic toll is 1102 dead in California. Deaths to the same period of 1953 totaled 1349.

## Chamber Members Visit Local Douglas Aircraft

Torrance Douglas plant's latest contribution to America's strong right arm—a "midget atom bomber"—was a focal point of interest for a group of Chamber of Commerce and city officials in a tour Monday afternoon of the vast Douglas facilities.

Already nicknamed "the Navy's hotrod," the A4D Skyhawk is the smallest and lightest States jet combat plane ever built by Douglas Aircraft Co.—is now undergoing final preparations for its first flight. Its speed, specifications, and performance ratings still are guarded by security regulations but it is expected to be superior to many jet fighters now in production or flight test stage.

The visiting group, headed by President Paul Loranger of the Chamber, made the trip to the plant in a special bus and were escorted by Douglas employees under the supervision of Works Manager R. A. Myers. Visitors expressed interest and amazement at the development within the plant since its occupancy only 27 months ago by the ever-expanding Douglas organization.

In addition to President Loranger the group included: George Stevens, city manager; Police Chief Willard Haslam, Fire Chief J. J. Benner and Councilman Victor Benstead, Directors H. W. Cressler, Dean Sears, Robert Haggard, J. H. Paget, Paul Diamond, of the Chamber of Commerce, and Dale Eisenberg, secretary.

The Skyhawk is so small in comparison with its performance that it has been designed without the folding wings traditional in Navy carrier-based planes.

It will fly faster over greater distances with a more powerful striking load than any airplane of its type.

It has a combat radius greater than present propeller-driven attack airplanes.

The "Mighty Midget" has been designed to operate from all sizes of Navy carriers and from short landing fields.

**Carries Atom Bomb**

Although a midget among contemporary aircraft the Douglas designed Skyhawk is capable of carrying atom bombs or rockets, machine guns, missiles and other weapons to suit the wide variety of missions of attack-type air-

planes, the announcement revealed.

A single-place low-wing monoplane, aluminum alloy in construction, the Navy A4D was designed for simplified mass production.

It is powered by a single Wright J-65 Sapphire turbojet engine.

Edward H. Heinemann, Chief Engineer of the Douglas El Segundo Division, said, "The A4D is believed to be a major step in designing an airplane on a completely functional basis, making each requirement stand on its own feet rather than by doing things because they have been done that way in the past."

**Fits Pilot Needs**

He said the "mighty midget" was conceived as a single, integrated weapon designed to fit the pilot and his needs.

"Under our program of design simplification the A4D gained 20 per cent more in speed and a third more in range than was at first thought possible," the Douglas Engineer said.

He said several hundred pilots, many Korean War fliers, inspected the A4D's cockpit and gave a favorable opinion during the design period.

As typical examples of weight savings achieved through emphasis upon simplification, Heinemann said the air-conditioning system of the A4D is one-third the weight of the system previously used. The ejection seat in the cockpit is almost one-half the weight of the one used in the A4D's predecessor.

He said great credit is due the Navy Department's Bureau of Aeronautics for its assistance in re-designing equipment components that made the A4D simplification program possible.

**Opens New Era**

The Navy said the lightweight design philosophy incorporated in the A4D should open a new era of high performance jet attack airplanes that was not thought possible a few short years ago.

They said the first A4D airplane was completely built in 18 months from the beginning of design, an accomplishment believed to be without precedent.

The revolutionary techniques in engineering, tooling and manufacturing employed at Douglas for the A4D permitted line production to begin immediately. Thus the service test quantity now on order will be produced in the time normally required to complete one experimental airplane, the release stated.

Under this concept of design and manufacture the A4D will be provided in quantity to the Fleet several years earlier than formerly, the Navy stated.

## Navy Man Serves Aboard Cargo Ship in Far East

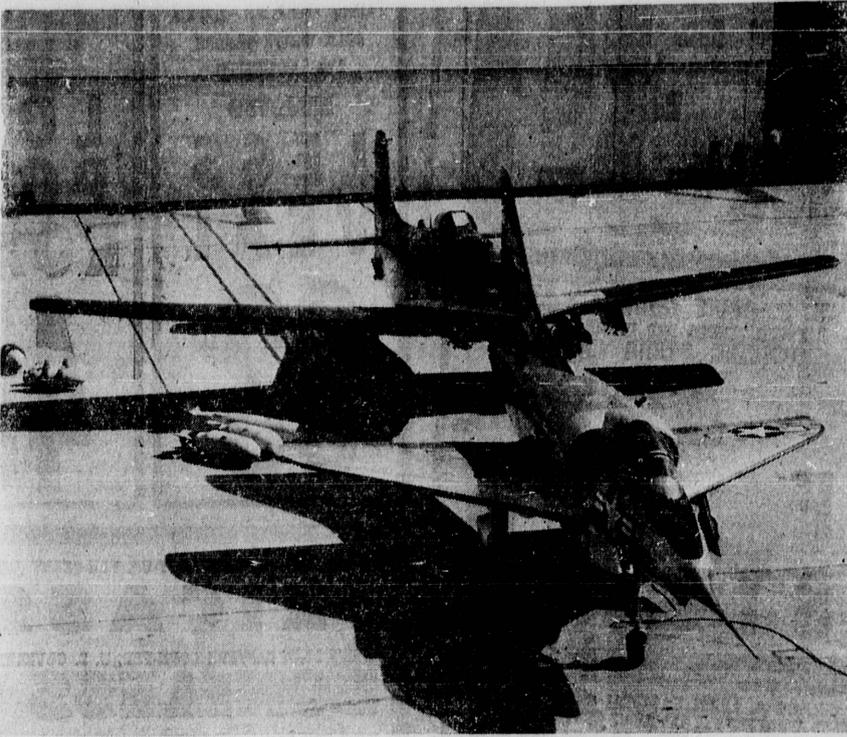
Lewis W. Ward, radioman third class, USN, son of Mr. and Mrs. H. H. Ward of 22129 S. Normandie Ave., is serving aboard the attack cargo ship USS Uvalde in the Far East.

Attack cargo ships differ from regular cargo ships in that they carry booms to lower invasion landing craft into the water, and have additional guns, radio and radar equipment.

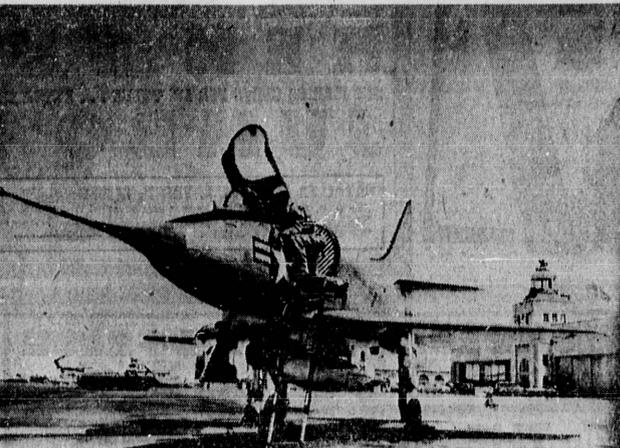
The Uvalde and other service ships supply fuel, ammunition, maintenance and repairs, and personnel, enabling the fleet in the Far East to remain at sea for long periods without relying on shore bases.

**HIGH TRACKAGE**

Denver—A railroad line to the summit of Pike's Peak in Colorado is the highest bit of trackage in the U.S. It attains a height of 14,109 feet above sea level.



COMPARISON SHOT . . . The new A4D Skyhawk in the foreground is shown with the propeller-driven AD-6 Skyraider which is being subassembled at the Torrance plant of Douglas. The A4D is designed to supplement and eventually succeed the AD as a close-support plane for ground combat troops, officials say. Component parts for the new "Navy Hot Rod" will be built at the Torrance plant.



MIDGET A-BOMBER . . . Security wraps were removed Monday from the Navy's new A4D Skyhawk, smallest and lightest United States jet combat plane ever built. Less than half the size and superior in performance to many current operational jet fighters, the mighty midget is capable of carrying atom bombs or rockets, machine guns, missiles, and other weapons required of attack-type airplanes for a wide variety of missions.

## Lomita Sailors Serve With UN Peace Patrol

Leo Parker, fireman, USN, son of Mr. and Mrs. H. O. Parker of 25540 Cypress St., and Wayne A. Ferrin, boilerman third class, USN, son of Mr. and Mrs. Ray H. Ferrin of 1836 254th St., all of Lomita, Calif., are serving aboard the light cruiser USS Manchester in the Far East as part of the UN Peace Patrol.

Sailors aboard the Manchester had the distinction of being among the first Americans to observe Easter this year when the ship crossed the International Date Line en route to the Far East.

With the crossing of the line and the rolling forward of the ship's clocks, Saturday was eliminated, causing Easter Sunday to fall on the day after Good Friday.

## Hygiene Course to Open

A course in mental hygiene will open Tuesday, June 22 in Room 205 of John Dewey School in Long Beach as part of the University of California's extension program of summer adult education. Fifteen meetings will be held Tuesday and Thursdays from 4 to 7 p. m.

**MODERATE CLIMATE**

Auckland, N. Z.—There are no big barns or silos on New Zealand farms because the livestock stays outdoors all year.

## Comi to Lead New El Camino ASB Officers

Paul D. Comi of Manhattan Beach will succeed Redondo's Don Watkins as president of the Associated Student body at El Camino College next fall. Kathy Greevy, ASB vice-president announced this week.

Running unopposed, Comi swept last week's elections in which five write-in candidates polled votes for president. His original opponent was declared ineligible, because of a shortage in the highest total of votes in the race for the vice-president's post by a narrow margin.

Warriors were required to return to the polls for a run-off between two of the original three candidates for the highest office of public relations, Larry Broderick, a graduate of Inglewood High School and a resident of Redondo Beach, eked out a narrow win over Martha Christensen of Hawthorne in the re-vote.

**Activities Chief Named**

Arthur Valenzuela of Hawthorne will hold the post of commissioner of activities next fall, with a fellow Hawthorne resident, Fred Malais, serving as commissioner of assemblies, Malais polled the highest total of votes in the two-day election period.

In the closest race of the election, Dolores Moore of Redondo claimed the position of commissioner of finance, Dave Parton, Torrance, received unanimous approval of students for the post of commissioner of publications.

Barbara Peterson of Redondo will preside over the Associated Women Students for the fall semester, while Red Ward of El Segundo holds the presidency of the Associated Men Students.

Charlene Leonard, another resident of Redondo Beach, will serve as AWS vice-president. Other AWS and AMS offices will be filled at elections scheduled for fall semester, according to Miss Greevy, election chairman.

**Rites for El Camino Grads To Be Sunday**

Baccalaureate services for the graduating class of El Camino College will be conducted at 7:30 p. m. Sunday evening in the Campus center with the Rev. Jesse Powers of the First Baptist Church of El Segundo presenting the address.

Subject for the Rev. Powers address is "The Presence of God." President Forrest G. Murdoch of the college revealed this week.

The Rev. Harry Hansen of the Foursquare Church of El Segundo will officiate at the scripture reading and invocation, the president announced.

Participating on the program of the Baccalaureate will be the combined choirs and soloists.

The public is extended a cordial invitation to attend the Baccalaureate program, President Murdoch said.

**Young Democrats To Host Winners of Primaries**

Winning primary candidates will be guests at the first dance of the Los Angeles County Young Democrats, June 19 at Carpenter's Hall, 5164 Santa Monica Blvd., Los Angeles.

Joe Wyatt, Southern California Young Democrat chairman, said several hundred Young Democrats and their friends are expected to attend the social event.

Wyatt said there will be no political speeches.

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**RETIREMENT INFO GIVEN**

If you are planning on retiring, it might be to your advantage to have a talk with a representative of your local social security office well in advance of your planned retirement date. J. G. Bretherton, manager of the Long Beach social security office, pointed out recently.

Inasmuch as retirement payments are based on your average monthly wages or average monthly income from self-employment, the time to file your claim may affect your monthly check, he declared.

"Don't quit your job until you are sure you are insured," Bretherton cautioned. He said that your local social security representative will give you information that may help you decide on the best time to file your claim and will advise of the documents or evidence necessary to prove your right to payments.

Phone or call at your local social security office and ask for the leaflets, "An Easy Way to Estimate Social Security Payments" and "Your Social Security."

The address of your social security office is 434 E. Third St., Long Beach.

**Army Man Joins Second Infantry Div. in Korea**

Pvt. Alfredo Espinoza, 20, son of Mrs. Celestina Espinoza, 1202 E. Carson St., recently joined the Second Infantry Division in Korea.

The "Indahead" division, which captured Heartbreak Ridge and Old Baldy, is now undergoing intensive training as part of the US security force on the peninsula.

Private Espinoza, a cook in the unit, entered the Army in August, 1953, and received basic training at Fort Ord.

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