

CHIPS FLY HIGH at Douglas Aircraft's Torrance facility as operator starts huge spar cap mill in operation. Completely automatic, huge mill, one of the longest in the world, can mill intricate contours in matter of minutes. Part of the El Segundo Division, the Torrance facility is located at 190th st. and Normandie ave.

Orders for Three Combat Aircraft Indicate Steady Future Production for Douglas El Segundo Plant

Production and delivery of three first-line combat aircraft for the United States Navy and Marine Corps, plus several major contracts for missiles and special components, indicates a steady production program well into 1959 for Douglas Aircraft Company's El Segundo Division, according to a recent announcement by Harold G. Hynd, vice-president-general manager.

An integral part of the El Segundo Division, under the direction of Vice-president Hynd and Works Manager R. A. Myers, is Douglas' Torrance facility located at 190th st. and Normandie ave. James Thomas is factory superintendent.

Here Douglas produces the supersonic F4D Skyray, a high-altitude jet fighter-interceptor now in service throughout the world with both the Navy and Marine Corps.

In addition, the Torrance facility also produces aft-section assemblies for use on the A4D Skyhawk, a midjet atomic bomber, as well as certain aircraft and missile components for other Douglas divisions. Missile components actually represent a large percentage of the plant's output.

The Torrance-built Skyray, although introduced to U. S. fleet service in 1956, still holds official world speed records for the three- and 100-kilometer courses. They were set during its early flight evaluations.

The bat-winged Skyray averaged 752 mph over the three-kilometer course and recaptured the 100-kilometer record with an average speed of

728.11 mph. It also still holds the official time - to climb record of 10,000 feet in only 56 seconds from a standing start.

In discussing the El Segundo Division's prospects, Hynd disclosed that 1957 was one of the best peacetime production years in the division's 26-year history. Production of the F4D Skyray, the twin-jet A3D Skywarrior and the midjet jet A4D Skyhawk, plus a large post-delivery modification program on the Skyray at Torrance, are included in the current calendar year's program.

Hynd said the division has under way several extensive research and development programs for manned aircraft, missiles, weapons systems, control systems, hydraulics and electronics. Studies in space and nuclear fields are included in this program.

The Army-Navy simplified cockpit instrumentation program for which Douglas El Segundo is a prime contractor, was cited by Hynd as an example of the division's progress in advanced research.

Production of large numbers of "buddy store" in-flight refuel-

ing systems and quantities of external tank stores and bomb racks are other big items in the division's current output.

Some of these items were manufactured not only for six different Navy aircraft built by Douglas, but also were made for Air Force and Navy planes produced by other manufacturers.

The Bureau of Aeronautics has made prime airframe contractors such as Douglas responsible not only for the delivery of aircraft but also of spare parts.

No aircraft can be delivered to the services without spares and special support equipment. This involves vast quantities of parts ranging from the smallest nut to large wing sections, many produced at Torrance.

In nearly all instances, Hynd emphasized that sub-contractors, many in the greater Torrance area, play a most important part in Douglas' production of aircraft and spare parts.

The Torrance facility, known to Douglas and its employees as Location B6, is observing its sixth anniversary this month. It was in April, 1952, when work began to convert the deserted buildings formerly occupied by Aluminum Company of America into one of America's most modern manufacturing facilities.

Douglas' Torrance facility and its nearly 7000 employees are

proud to be a part of the growing industrial area of America's "All American City."

Recreation Clinic Planned by PTA

For the first time in this area, Gardena-Wilmington Council PTA is conducting a one-day Recreation Clinic for recreation chairmen, presidents, and other members who might be interested in what their local parks and playgrounds offer program wise and what facilities are available for recreational purposes.

Meeting at Sportsman's Park, 9835 So. Western Ave., Los Angeles on Wednesday, April 30, at 9:30 a.m., the clinic will then travel south, caravan style to Rosecrans Park. Other parks to be visited are Recreation Park, Gardena Community Center, Normandale Park, Lomita Park, Scott Park, and Banning Park. Luncheon will be served at the Gardena Community Center by the Recreation Park Women's Club.

At all the aforementioned park facilities, directors or other personnel will familiarize those attending the clinic with current activities and coming events for both children and adults. Where available, mimeographed material on park programing will be handed out.

Spanish Sgt. Once Owned Site of City

Part of the property on which Torrance stands was originally owned by a retired member of the Spanish army, Sgt. Juan Jose Dominguez.

For his outstanding service in the uniform of his country, Sgt. Dominguez was given the 46,000-acre site, then known as the Rancho San Pedro.

Litigation sometime later reduced the Dominguez property to a little more than 43,000 acres, and on Sgt. Dominguez' death in 1822, the property was willed to a nephew, Cristobal.

When Cristobal died, he bequeathed his land to two sons and four daughters. One of the sons, Don Manuel, bought land from his relatives until he held 24,000 acres, or about half of the original property.

It was Don Manuel's property which later became the Dominguez Estate and it was part of that property which Jared Sidney Torrance bought in 1911 to found the city that today bears his name.

Directors and personnel helping to make this clinic a success are, Al Nash, Council recreation chairman, Leonard Norman, Hermanson, George Fowler, C. L. Broadwater, Y. F. Mammatt, Bell Foy, Miss Diane Thatcher, and Harry Holden. Reservations for the tour must be in by April 23, to Mrs. C. N. Peterson, president of the council.

Dominguez Water Delivers 17 Million Gallons per Day

Sixteen thousand customers, four times the number served in 1948, are now receiving seventeen million gallons of water a day from the Dominguez Water Corporation. That is pretty rapid growth for any company, but the Dominguez Water Corporation has grown with the rapid changes in this area, and has laid extensive plans to keep pace with future developments.

Stated to aid in this expansion are a series of water tanks, one to be added each year, beginning in 1959. An ultimate goal of 50 million gallons is planned to keep pace with the needs of Torrance and the 26 square mile unincorporated area of Los Angeles County which the company serves. Two tanks located on Dominguez Hill, each with a capacity of 3 1/2 million gallons, and an elevated storage tank with a capacity of 750,000 gallons have recently been completed and put into use.

Alex Lawrence, comptroller of the corporation, reports that the company is spending about \$5 million each year for expansion of water facilities.

The company's subscribers enjoy truly soft water, as all water pumped by the firm comes from deep wells. The firm has a supply of Colorado River water available in case of emergency through its connections with the West Basin Water District.

The Dominguez Water reservoir is located in Torrance. 4,000 of the corporation's consumers are in Torrance. Service to the City of Torrance by the Dominguez Water Company dates back to the city's founding by Jared S. Torrance in 1916.

The formation of the Dominguez Water Company took place in 1911, just five years before the founding of Torrance. It was founded through the Dominguez Estate Company for the purpose of supplying irrigation water to the agricultural land of the Dominguez Estate, but was soon providing water for drinking and irrigation.

The founding of the water company is another fascinating chapter in the history of the original Dominguez land grant awarded to Juan Jose Dominguez by the King of Spain on the recommendation of the Governor of Alta California in 1784. The original grant covered all of the territory bounded by the Los Angeles River on the east, Rosecrans Avenue (approximately) on the north, and the Pacific Ocean on the west and south.

This land has gradually been sold for towns, oil development and industrial uses. However, the land held by the Estate still comprises approximately 7,000 acres. An extensive new industrial area is now being developed by the corporations holding the Dominguez Estate Company.

The corporations holding the Dominguez Estate Company were



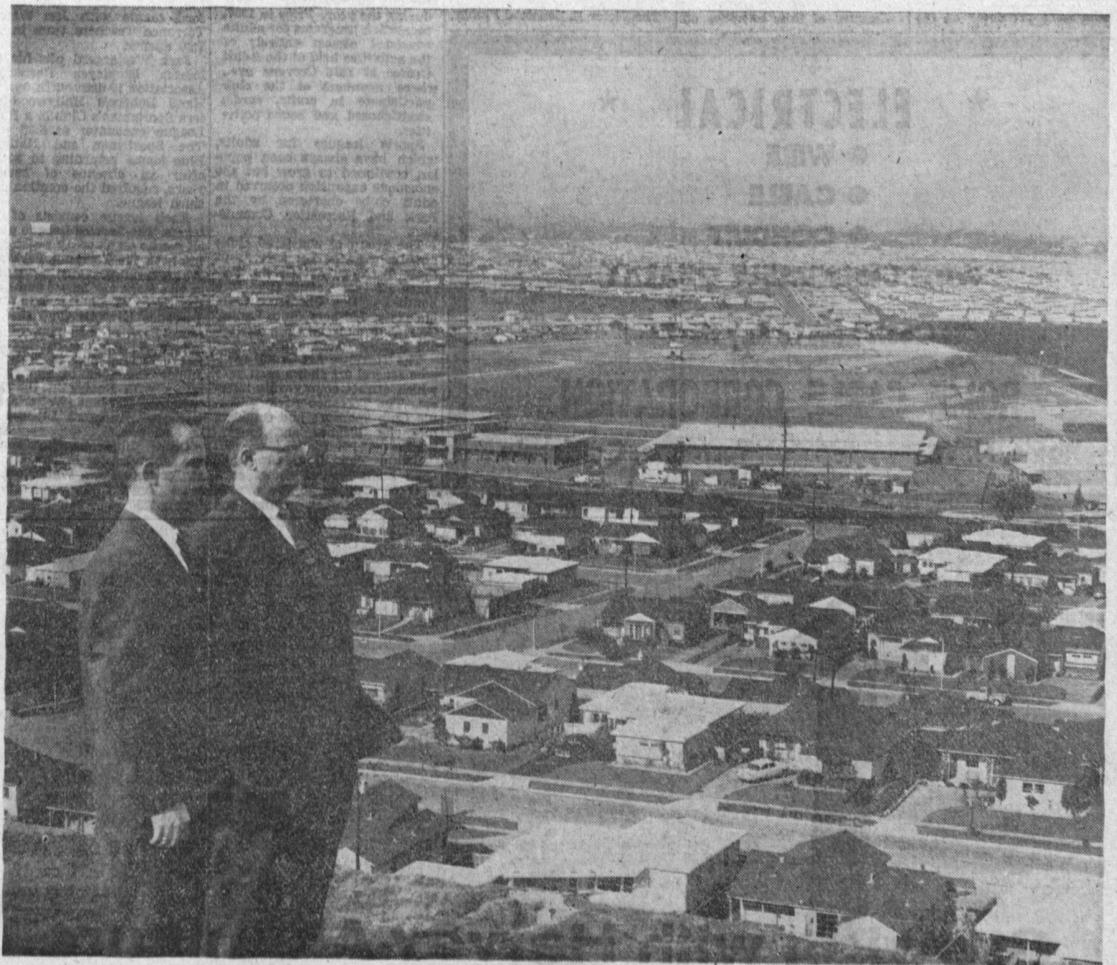
NEW WATER TANK—Dominguez Water Corporation keeps pace with the rapidly increasing population in the Torrance area by constantly improving old and adding new equipment. This new 3 1/2-million-gallon water tank, which is rising just north of Torrance Blvd., near the Torrance-Redondo Beach boundary, is one of many which will be erected in the next few years by the pioneer water company. —Press Photo.

formed to manage the lands of the three Dominguez daughters who ultimately inherited the estate. They are the Carson Estate Company, the Del Amo Estate Company, and the Watson Company.

The Dominguez Water Corporation is one of the largest privately owned public utilities in the west. Offices, as well as the pumping plant, are located at Carson and Alameda.

Officials of the corporation are James P. Bradley, president; J. V. Carson, a descendant of the Carson family, vice president; Thomas V. Tallon, general manager and chief engineer, Tallon's father, E. P. Tallon was superintendent and chief engineer until the time of his death in 1943.

Steeped in the tradition and history of this area, the Dominguez Water Corporation is forging ahead to meet the challenge of changing times and the future.



The new South High School and its impressive surroundings are shown in this picture. Superimposed in the foreground are J. H. Hull, right, Superintendent of Education, and C. B. Cooke, of National Supply.

Where else could we spend \$162,353 so wisely?



They tell us we're one of the biggest taxpayers in Torrance. During 1957, The National Supply Company paid property taxes to the City of Torrance totaling \$220,000.91. Of this amount, \$162,353.81, or 74 per cent, went toward the Torrance Unified Schools. This big payment, and other payments since 1912 when our Torrance plant was established, has gone a long way toward making possible the city's splendid schools.

Of course, none of us, whether an individual or a corporation, likes to pay big tax bills. But we consider the money we pay toward school support a sound, long-term investment.

The American system of free public education has been one of the most important factors in our nation's progress. The training given to today's boys and girls will help them solve the problems of tomorrow's "space age."

Public schools have come a long way since the days of the "little red schoolhouse" and McGuffey's Readers. Torrance residents can be proud of the new South High School, just as we are proud that our taxes help make such fine schools possible.

TORRANCE PLANT THE NATIONAL SUPPLY COMPANY

Ours is the largest completely integrated machinery manufacturing plant in the west. It is one of seven plants owned and operated by The National Supply Company, world's largest manufacturer and distributor of oil field machinery and equipment. The company also operates 131 oil field stores.

AN "ALL AMERICA CITY"
INDUSTRY SINCE 1946

★
AMERICAN ROCK WOOL CORP.
MANUFACTURER OF MINERAL WOOL INSULATION

★
TORRANCE, CALIFORNIA