

# Douglas Production Schedules Extend Well Into Next Year

Components for tomorrow's missiles plus the production and delivery of three first-line combat aircraft for the Navy and Marine Corps will keep the Douglas plants in this area busy well into 1958, according to Harold G. Hynd, vice president, general manager of the El Segundo Division of the Douglas Aircraft Co.

And the huge Torrance facility is an integral part of

the El Segundo Division under Vice President Hynd and Works Manager R. A. Meyers. James D. Thomas is factory superintendent at the 190th and Normandie plant.

It is in the Torrance plant that Douglas produces the supersonic F4D Skyray, a high altitude jet fighter-interceptor, now in service throughout the world with Navy and Marine Corps units.

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

**Record Holder**  
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 752.9 m.p.h. over the three-kilometer course and recaptured the 100-kilometer record with an average speed of 728.11 m.p.h. It also still holds the unofficial time-to-climb record of 10,000 feet in only 56 seconds from a standing start.

**A Good Year**  
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 Skywar-

rior and the midget 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.

**Instrument 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 re-

fueling 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 spare parts.

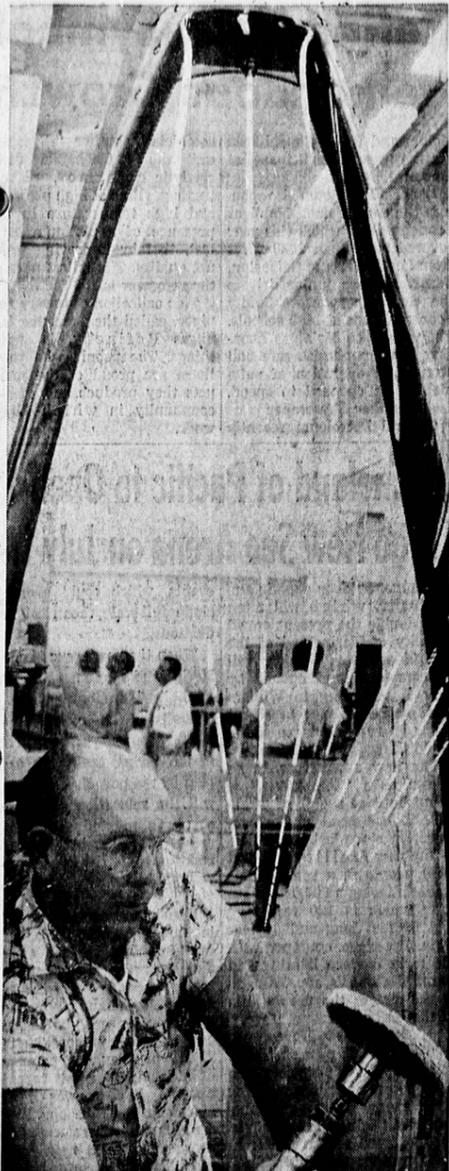
**Parts Needed**  
No aircraft can be delivered to the services without spares and special support equipment. This involves vast quantities of parts ranging from the smallest nut to large wing sec-

tions, 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 B8, is observing its sixth anniversary this month. It was in April, 1952, when work began to convert the deserted buildings formerly occupied by the Aluminum Company of America into one of America's more 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 America City."



**POLISH JOB . . .** Buffing operation on pilot's enclosure is one of many operations performed daily in the El Segundo Division's modern plastics building located at the Torrance plant. Many plastic parts are manufactured here for use on Douglas Navy aircraft as well as commercial transports and missiles.



**M. N. FELKER**  
... Diamonds for Industry

## Felker Company Launches Huge Expansion Here

A Torrance industry for nearly 35 years, the Felker Manufacturing Co., at 1128 Border Ave., has embarked on a quarter of a million dollar expansion program at its Torrance plant.

Masters in a highly specialized field of putting diamonds to work in industry, the Felker plant, under the direction of M. N. Felker, provides a wide variety of products to manufacturers throughout the world.

A leader in diamond cutting tools, the Felker Manufacturing Co. and allied companies designed and now manufacture the famous Di-Met saws and blades which cut the hardest material with diamonds. The firm has added core drills, abrasive compounds, and other products. A new series of products will soon be made available to the marine industry.

**Malicious Mischief**  
More than \$1000 damage—caused by malicious mischief was reported Friday by Frank Morris. Police said the damage was done to apartments in the rear of Bishop Montgomery High School.

**PAVEMENT PIONEER**  
The first concrete road built in the United States was a strip 50 feet wide and 220 feet long in Bellefontaine, Ohio, in 1892.



Shown looking at the new South High School are (from left) Dr. J. H. Hull, superintendent of education of the Torrance Unified School District; Clinton B. Cooke, of National Supply, a member of the school board; Dr. W. B. Wagner, principal of South High School; and Fred Mill, of National Supply.

**Brownie Troop 2168**  
Brownies of Troop 2168 spent a busy March starting with a tour of Douglas Aircraft on March 9.

The girls made flip top box puppets and Easter baskets for the children's ward at Harbor General Hospital. Also, they took several hundred Humpty Dumpty and Children's Digest magazines for the children.

On March 30, the troop led the flag ceremony for the Marie La Walsh Spring Dance Recital held at the El Camino College Campus Theater.

The girls have their Spring

project begun. Each girl has a plant she is taking care of at home, is learning as much as she can about its care and growth. Each girl will bring the first bloom from her plant to the troop meeting and give a full report.

The girls in Troop 2168 are: Kathy Babajian, Dianne Bin-yon, Sharon Cohen, Janis Gubillisco, Linda Grier, Ellen Hall, Sandra Hall, Beth Lindsey, Clara Hirschfeld, Karen McBee, Cathy Miller, Marsha Roberts, Linda Sanders, Cindy Sisco and Marsha Stohlman. Leaders are Kathy Bin-yon and Doris Hall.



TO BETTER SERVE  
"ALL-AMERICA"  
TORRANCE!

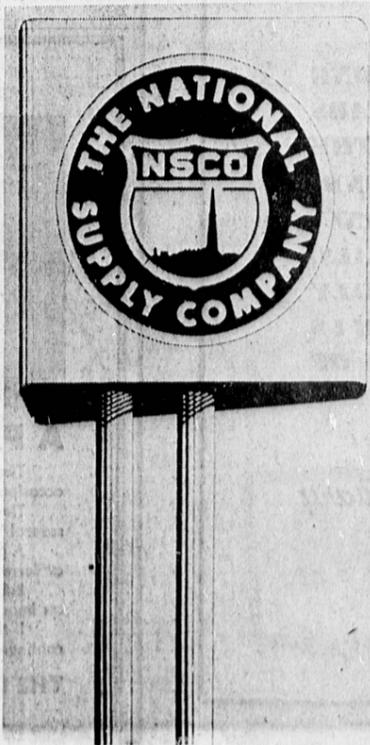
This is our constant aim—and throughout the years, as Torrance grew to its present stature—an aim we have kept constantly in mind. In 1950, we were serving 4,649 consumers—today, 15,000. Looking ahead to the assured growth of the future, plans for numerous additional transmission water mains and millions of gallons storage facilities have already been inaugurated—

TO BETTER SERVE "ALL-AMERICA" TORRANCE

TORRANCE MUNICIPAL  
WATER DISTRICT

NO. 3

## 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% 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 supply stores.