The Progress of Aluminum **

Aluminum, youngest of strength greater than structhe major metals, it moving tural steel.
from a robust youth to a A high resistance to cor-

duced, it is the greatest of the nonferrous metals.

Moreover, it is daily challenging the far older and length the far o duced, it is the greatest of exposures, with no applied in scores of uses traditional- serving of foods. ly filled by them.

States multiplied almost ten- the two practicable mater- Project Mercury's first man and Barney R. Morris fold in the 1940-1960 period, ials for electrical conductors, flights into space made his the firm in its 17-year his rising from 206,280 tons in and its high thermal conductory, and brought the comtory erected more than 10

tion are additional supplies both light and infrared radi- a contract for a similar life Angeles.

One of the six producers tant in many electrical uses. Garrett is well into a three of primary aluminum is It does not emit sparks year study of environmental residents under way in Palaryear Aluminum where when struck which many electrical uses. Torrance, Aluminum pro- atmospheres.

chine parts. It helps hens metalworking processes. It for the Air Force.

lay more eggs and provides accepts a wide variety of Garrett Corp. is composed valoner Arthur E. Emunds tough frames and skins for attractive surface finishes, of seven divisions and two veloper Arthur E. Emunds

of a skyscraper and the heat- and color. are made of aluminum, weathering plus low main-flight built in the U.S. What tomorrow's made-of-tenance requirements have aluminum list will look like led to extensive use in both vantage.

will be a much longer one." and light weight are impor-value of aluminum's proper- begin to roll at Gable House said Harvey Aluminum offi- tant in roofing materials. ties and the economies it af- Bowl, Torrance, March 2 at

Aluminum's unique com- corrosion and high thermal will continue to expand on World Open Classic at La bination of properties makes conductivity are important a worldwide basis and its Habra "300" Bowl will be it one of the most versatile in processing equipment for contributions to modern life awarded. Those pre - paid of materials. Combined with the chemical and petroleum will grow accordingly," said entries will go to one of small amounts of other metindustries. These properties, a spokesman for Harvey every eight entries in the als, it has a family of alloys combined with hygenic safewhich extend its usefulness ty, make aluminum desiraeven further. While it is ble for food processing 1019 BUSINESS FIRMS known best for its light equipment. And in almost There were 1919 business games across 20 lanes, and weight - important in any- any application, aluminum's firms in Torrance as of the use their handicap on twothing that moves or must be light weight reduces ship- first of the year. For the thirds to 200. Men will comsupported - aluminum has ping and handling costs, add- Torrance showed a 46.6 per- pete against men, women some alloys with the ing another important ad-cent increase

Garrett's Life Forms Era of rich and versatile maturity. rosion gives aluminum long Already, in volume pro- life under a wide variety of Space Progress

High electrical conducti- life support system in sus- announced this week. Head-Production in the United vity makes aluminum one of taining astronauts aboard ed by Edward K. Zucker 1940 to 718,622 in 1950 and tivity makes it useful for pany's space capabilities in2,014,498 in 1960 — and exmany types of heating and to clearer public focus than Burbank, Downey, and the cooling equipment. Alumi- ever before.

from imports and the recovery of scrap. In 1960, this brought the total metal supply available for use in the United States to 2,612,000 ent heat.

Although it is employed in system—a three-man capsule being readied for a two-week trip to the moon and back to earth. The program is called Project organizations.

Angeles.

Both principals are continuing in the building industry, with separate new organizations.

Zuckerman has started itself non-magnetic, impor- Apollo.

Harvey Aluminum, whose when struck, which means control systems for future residents under way in Palheadquarters are located in it is safe to use in explosive space vehicles under consoleration of the property of the prop ducts using Harvey metal Aluminum is available in Aviation for the Air Force. is also completing homes range from the "a" in air- many forms from Harvey, Soon after the first Merc- and remaining lots for sale craft to the "Z" in zippers. ranging from rod and bar to ury shoot, Garrett received in Grandview Palos Verdes Aluminum powers misheavy forgivings and extruary a new contract from Boeing siles, packages fractional sions. It can be readily work- Airplane Co. to develop a liam C. Kulow will be explained to the contract from Boeing and C. Kulow will be explained to the contract from Boei ounces of pigment and ed into practically any de-cooling system for Dyna-clusive sales agent for all freight-car-sized loads of ma-sired shape by well-known Soar, a manned space glider Zuckerman's peninsula ac-

involving degrees of brilli-subsidiaries employing 9500 Zuckerman is also active in span the world.

holding roasting cover for In most applications, two From the wartime Boeing the Thanksgiving turkey.

In most applications, two From the wartime Boeing built in Woodland Hills.

Morris heading the powly Living room drapes and acteristics influence choice ever pressurized, to Project formed B. R. Morris Develswimming pools, silos and - for example, light weight Mercury's space capsule, fishing rods, inks and irriga- combined with strength in Garrett's pressurization and opment Co., is concentrating tion lines, beer barrels and automobiles, trucks, trailers, air conditioning equipment, his activities on the Palos power transformers — all aircraft missiles and frieght or related products have power transformers - all aircraft, missiles and frieght or related products, have these items and thousands cars. Attractive appearance been a part of every man-started construction of Palmore on the American scene and high resistance to ned, high altitude vehicle of are made of aluminum, weathering plus low main-flight huilt in the US. Crest Realty Co. as sales

residential and public build- "As more users become Marathon to Roll "We know only that it ings. Reflectivity, durability aware of the full range and A ten-game marathon will Excellent resistance to fords, markets for aluminum midnight. Entries to the

Builders End Firm; Start

larger-volume iron and steel ing, packaging, cooking and manufacture of space view Building Co., one of components and systems. the Los Angeles area's ma-The success of Garrett's jor home-building firms, was Added to domestic production num is a good reflector of Garrett also was awarded areas of southwestern Los Hollypark and Hollyglen

Zuckerman has started tract from North American shortly by another 195. He

It is cool, reflective wall ance and dullness, texture people in operations which a skyscraper and the heat- and color.

of 40 bowlers.

Bowlers will roll ten against women

he Garrett Corporation is proud to have its newest AiResearch Manufacturing plant in the expanding Torrance community.



AiResearch Manufacturing Divisions

ARVEY ALUMINUM is a major producer of metals serving manufacturers across the country. Products supplied by the company go into space with America's astronauts, under the sea in nuclear submarines, and into the sky in the most advanced jetliners. Buildings and bridges, automobiles and appliances, almost every industry today uses an increasing amount of aluminum & other metals from Harvey.

As Harvey Aluminum grows, the community also grows. With a continuing expansion program that constantly calls for new people and varied skills, Harvey Aluminum offers residents in the community the opportunity to work with a rapidly progressing company.

Why not link YOUR future with the growth of our community and Harvey Aluminum?

HARVEY ALUMINUM

A primary producer of quality aluminum in all alloys and sixes: Pig, ingot, rod and bar, pipe, tube, hollow sections, press forgings, forging stock, hand forgings, impact extrusions, electrical bus bar, rigid conduit, structurals, special shapes, light and heavy press extrusions, and other aluminum products. Related products in titanium, zirconium & steel.