TORRANCE PRESS

Wednesday, January 2, 1963

Garrett Corp. Grows from 'Thin

ration, as "the man who missile and space compon-created a successful busi-ents and systems. Among then current 10,000 feet, and own atmosphere. He called portant contribution to the To do the job it would have sories and component sys-of the Project Apollo, yehiness out of thin air.

quately describe all the ele- he literally created a busi- miles per hour, until they est of seven divisions and cool compressed air to proments accounting for the ness which had never ex- were able in some manner two subsidiaries of The Gar- per temperature for passen- be pressurized and its crew of great satisfaction. Airrapid rise of his present or- isted — a business of pro- to carry their own artificial rett Corporation, whose to- gers. ganization in aviation, viding cabin air pressuriza-atmosphere. He decided to tal employment is now more But it was a short-lived mosphere. The assignment higher and faster, as he had port system. It is being despace, and industry, it does tion and atmosphere condi- do something about it. in some measure give a clue tioning for aircraft, without It was conceded that a nual sales totalled \$225,000,- pressurization, since produc- search Manufacturing Divi- pressurized, and the sky

which the high altitude, plane would be capable of 000 in 1962.

high speed jet flights com- flying much faster in higher, Church Observes mon today would not be pos- thinner air, but lack of at-Student Night

mospheric pressure and oxy-Garrett entered the avia- gen in this environment Guest speaker at services tion field out of college in would make it uninhabitable to be conducted at Narbonnt 1927, spent nine years suc- to passengers and crew. Avenue Baptist hurch of cessively with embryo Lock- Therein lay the problem. Lomita at 8:30 and 11 a.m. heed, Northrop, and Douglas In the military filed, pi-Sunday, will be Rev. Floyd Aircraft Companies, then lots were being provided B. Caldwell, director of city started his own firm. At with oxygen masks as means missions in the South Bay Northrop and Douglas he of survival when they had Area of Los Angeles, former had become proficient in the to fly higher than normal. pastor of Pine Bluff, Arkan- field of procurement of parts But for obvious reasons, tions. Boeing Airplane Com- duced the only fully devel- which had its unpressurized contain many AiResearch

and tools often hard to lo- over the long pull in aviasas. The 7:30 p.m. service will cate in those early days of tion there had to be another observe the annual student aircraft manufacturing. His answer to survival at high night. College students will new firm, which he called altitudes. It appeared most had developed an automatic Then came Garrett's first the Air Force for wartime man ventures into out tributors to the operation. have charge of the program. Garrett Supply Company, doubtful that airline opera-Theme will be "My Mission was organized in 1936 to tors would ever subject pasto the Campus." High school provide both procurement sengers to lengthy transseniors will comprise the and engineering services for continental flights breathmost of Southern Califor- ing through oxygen masks; choir for the service

CHANUKAH SERVICE nia's aircraft companies. It a rather fantastic thought Congregation Ner Tamid, was on entirely original ap- today.

South Bay's conservative proach to the west coast air- By 1939 Garrett had besynagogue, will hold its sec- craft procurement probltm. come one of the industry's ond Chanukah service at Through it. Garrett was able most ardent believers in the 8:30 p.m. Friday at the Re- to provide eastern manufac- theory that the practical and dondo Women's Club, 400 turers with accurate require- permanent answer to the South Broadway, Redondo ments for specialty tools problem of high altitude fly-Beach. needed by western aircraft ing was development of a

Rabbi Bernard Wechsberg builders, a special service pressurized, air conditioned will discuss "Blessed be heretofore not available to airplane, capable of provid-Your Coming. any western aircraft plant, ing passengers and crew The Sisterhood will host Garrett Supply was a suc- breathable atmosphere at

the Oneg Shabbat in honor cess from the start. of new members of Ner Ta-Somewhere along the line This would mean that camid

during his first three years bins must in future be spe-Persons interested in on his own, working closely cially constructed to withmembership are asked to with leading aeronautical stand pressurization. They contact Dr. Howard Berk, engineers and observing the would also carry accessories evolution of the modern air- and component systems to

plane, Garrett came to some create the interior atmos-SEAGOING WINE VESSEL strong personal conclusions phereic conditions required Fitted with 26 tanks of

nickel stainless steel; the SIGNALLING TIPS modern marine tanker S. S. Make it a habit to exe- 10,000 feet or more. No prac-Angelo Petri of the United cute proper signals, both tical plane had ever been States Intercoastal Fleet is hand and mechanical. designed to carry 2,412,185 Signal at least 100 feet in sure. gallons of wine in a single advance, make sure it's safe In the face of opposition

to carry out the maneuver in many quarters, to the ef-PLATED SILK

gauze for use as a strainer for corrosive liquids.

trip.

before you proceed, and by fect that all this suggested all means complete the ma- "beefing up" of airplane ca-Nickel - plated silk has neuver for which you have bins and addition of acces-been used to produce a fine signaled. sory machinery would im-

all flyable altitudes.

pose too severe weight pen-Use classified. DA 5-1515 alties and reduce payloads

BANK

While this does not ade- which he built his company, valent speeds of 189 to 200 turing Company, now larg- system, an "aftercooler" to titudes and high speeds. planes.

tion against the time that demand sof World War II. sion is hisitory. high speed, high altitude However, Garrett had mean- The AiResearch-equipped products which can mainflight would impose its prob- while secured from Boeing Boeing B-29, first produc- tain a comfartable 5,000-foot in the same meeting them lems. Garrett saw that time a license to develop its ca- tion airplane to be pressuriz- altitude for passengers while in the same manner that fast approaching, while oth- bin pressure regulator for ed, was a milestone in the the plane is flying 30,000 to challenges in this field were ers thought it years away. production. It was not long history of aviation and a 40,000 feet high. The Lock- met over 20 years ago, when As to the feasibility of before his AiResearch Man-forerunner of things to heed Electra in the propjet pressurizing future trans- ufacturing Division, follow- come. All post-war airplanes field is simiarly equipped. port aircraft he was not en- ing acquisition of the re- were to be henceforth built Convair's 880 and 990 jets tirely alone in his convic- gulor, had created and pro- for pressurization. Douglas, and the Douglas DC-8 also pany and Lockheed had also oped automatic cabin pres- DC-4's ready for delivery to products to control passenbegun to conduct experi-ments in this field. Boeing craft in the United States. out, sold most of them to what of the future, as ducts aboard as vital con-

People in the aircraft In- to the reason- why Garrett about the future of flying. too much, Garrett in 1939 By 1940, Boeing had com- war the Air Force had com- airliners of the period were two-man spacecraft designed dustry have sometimes re- has in 26 years become one It was apparent that trans- set up his own organization pleted the first pressurized missioned Boeing to build all built for pressurization to rbit the arth for, two ferred to J. C. Garrett, presi-dent of the top developers and manufacturers of aircraft, ever be limited to cruising weeks.

other accomplishments, by little fasttr than the pre-which he built his company little fasttr than the pre-it the Airesearch Manufac-successful operation of the to fly at unusually high al-

supplied with breathable at- craft were now able to fly plier of the Apollo life sup-

than 10,000, and whose an- triupmph for the devotees of was given to Garrett's AiRe- predicted, because they were tion of this plane was halted sion because it was ready was the limit. Today's Research was created to almost before it could get to produce. The successful planes, like the new Boeing anticipate the needs of avia- well under way due to the ptrformance of the B-26 mis- 707 jet transport, are fully Theorem and the produce. equipped with AiResearch

cabin pressure regulator, one big opportunity to prove duty as the C-54, then speed- er space? Backed by long of several accessories neces- his theories and his newly ily developed its pressurized and intensive experience. Chas. R. DeGroff sary to maintain proper developed pressurization DC-6 airplane for post-war Garret has been awarded pressures for passenger com- system on a practical basis. airline use. The Lockheed, the ultimate in recognition fort within an airplane, During the progress of the Convair, Martin, and Boeing in its field. Today it is the

cle, warded to North Ameri-Garrett-AiResearch as supsigned to sustain three astronauts on a two-week trip to the moon and back. The implications of this order These are tremendous

challenges to Garrett engiaviation was young and the flame of imagination burned brightly into the future.

When the time comes for space ships to travel on the interplanetary highroads of the universe, Cliff Garrett

P. A. 17225 Crenshaw Blvd., Torrance ": Accounting and Tax Service only company in its field of environmental control with products proven in actual

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space flight. Its AiResearch life support system has been a functional part of every venture into space yet made by the Project Mercury manned space capsules, including the most recent threeorbit trips around the world. Success with Mercury recently won for Garret-AiResearch the contract from McDonnell Aircraft for environmental control equip-

(Next to Jody's Restaurant)

GLENDALE





SPACE SHIP? Not really. It's an orange parachute which floated into play area at Carr Elementary School last week with Weather Bureau devices attached. Mrs. Gay Ausmus,

seventh grade teacher, said special weather science unit will utilize device for extra study. Data desired by Weather Bureau was forwarded, school officials said.

islike 0000

If you've ever tried eating a meal with only a knife, you know why a fork is so important ... why you need both. Just as you don't handicap yourself when eating, don't handicap yourself in handling money by using the services of only one financial institution. To get the most out of your money, you need a bank checking account to pay monthly bills; together with a high profit savings account at Glendale Federal. At Glendale Federal Savings, your money earns over 35% more than a commercial bank pays on comparable savings accounts, comparably insured. So, for a checking account, use any bank ... for savings, Glendale Federal.



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