## **Doak Begins VTOL Tests On Radical Plane Design**



TOP REALTORS MEET... Clive Graham (left), president of the California Real Estate Assn., chats with Bob Haggard (center), president of the Torrance-Lomita Board of Real-tors, and H. Jackson Pontius, state secretary of the CREA during a luncheon meeting here Thursday at the Wayfarer's Restaurant. (Herald Photo)

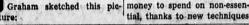
### **State's Top Realtor Sees Great New Business Boom**

A great new business boom within the next five or six years in the United States was forecast here last week at a meeting of area realtors.

"And prediction of the boom was not mere crystal ball gazing, but based on findings of nationally prominent organizations," according to Clive Graham of Long Beach, president of the California Real Estate Assn. He was speaking to members of the Torrance-

Lomita Board of Realtors and \*\* other southwest area realtors at a luncheon meeting in Construction of two and one-| and better machinery. quarter million homes a year by the housing industry. Lomita

rere Bob Haggard, president f the Torrance-Lomita Board I Realtors who presided; and Jackson Pontius of Arcadia H. Jackson Pontius of Arcadia, state secretary of the associa-





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#### New Plane **Built Here** For Study

Ground-testing began here Tuesday for the U. S. Army-Doak Model 16 VTOL Research Vehicle, a new, revolutionary aircraft which is designed to take off and land vertically like a helicopter, but operates in the air as a conventional air-plane with long range and high peed.

Designed and built by the Doak Aircraft Co., Inc., Tor-rance, of the U.S. Army Transportation Research and Engin-eering Command, the Doak 16 has ducted propellers on the wing tips which rotate through ninety degrees to convert in flight from vertical take-off and hovering to normal flight. It is powered by one Lycom-ing T-53 shaft turbine engine. No Airport Required

No airports or specialized take-off or landing equipment are required. The pilot simply rotates the propeller ducts to a vertical position for take-off, then returns them to normal horizontal position in the air. To land, the propellars again are turned vertical. The entire a ir p an e remains in conventional horizontal attitude at all times.

Where airfields are avail-able, the Doak 16 will take off and land horizontally as a con-ventional aircraft. Then it can carry extra fuel tanks and therefore travel even greater distances, since horizontal take-off requires less power and enables the airplane to lift more weight.

#### **Outdoes Helicopter**

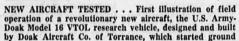
Farm production of one-third more food than today, with 40 percent fewer workers. The Army sees the Doak 16 VTOL (Vertical Take-off and Land) as a possible bridge between the helicopter and the airplane, combining features of both. For observation, liaison, and rescue missions the Doak 16 will travel farther and faster than the helicopter and therefore need not be stationed

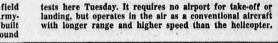
today. Ten to twelve million cars a year produced by the auto-mobile industry. "Within the next 25 years there is every prospect that the standard of living will in-crease by more than 50 per cent," said Graham. "This will be remarkable in view of the fact that America probably will be feeding, clothing, housing, educating, and entertaining 40 now." The president of CREA said period of 20 years. It has more than military significance, ac-

that too frequently real prop-erty bears an unjust burden of taxation. It should not be cording to Doak who stated: "Ducted propeller aircraft of

Graham declared. In ecceded to carry traine be-"Liberal home financing is not inflationary," said the Realtor leader. "It has been proven over the past years that liberal home financing is stabilizing rather than infla-tionary." Graham said that CREA en

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YOUR SECOND FRONT PAGE rrance 2 EDITORIÀLS FEATURES WANT ADS TORRANCE, CALIFORNIA, THURSDAY, FEBRUARY 27, 1958 Nineteer

suit them.



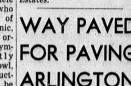
# **Scheduled March 5**

The city of Hermosa Beach ductor of the Civic Symphony, The city of Hermosa Beach ductor of the Civic Symphony, and the South Bay Civic Sym-phony Assn. will present the first annual "Symphony for Youth" concert ever to be given in the South Bay-Tor-rance area on Wednesday eve-ning, March 5, from 7:30 to 8:30 at Pier Avenue School Auditorium, Hermosa Beach Commission (chair-ty Music Commission); Benjamin F. Cogswell, member Hermosa School Board; Mrs. Cogswell; 8:30 at Pier Avenue School I will be free to the boys and and yocal music Valley Vista

WAY PAVED the kansas City Philharmonic, has been soloist with such or-chestras as the Detroit Sym-phony, and who recently played in the Hollywood Bowl, Leopold Stokowsky, conduct-ing. Also a ppearing will be Robert Gilmore, planist, who lives in Hermosa Beach, and recently returned from a tour

**Symphony for Kids** 

It will be free to the boys and girls from the elementary fourth grade and up and high schools. The one hour program has been carefully selected to wit them the selected to ourth grade and up and high chools. The one hour program as been carefully selected to uit them. Soloists will be Lois Adele Taft a child production of the south State of the south Sta Craft, a child prodigy, who later became solo harpist of the Kansas City Philharmonic,



Wages to Rise An average weekly earning of \$185 for a factory worker, compared with today's \$84. from \$1708 to more than \$2800. An average work-week of More leisure time and more four days. As many three-car families as there are two-car families tial, thanks to new techniques today.

The president of CREA said

"It is the policy of the Call-fornia Real Estate Assn. to op-pose any further transfer of Graham declared. "It is nome owner,"

dorses urban renewal and neighborhood conservation-re-habilitation programs — state-

