# 'Ryan Unveils New Vertical Take-Off Jet Aircraft

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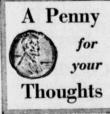
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# TH CHEATED BY CYCL



"What are some of the pur-Chamber of Commerce Seat Belt Clinic?" the Pennies photographer asked several members during a Saturday planning session.

Hank Rice, 1221 Engracia

The Junior Chamber mem-bers feel that year. We'd like to see is re-main that way,

has established a good safety

rita Ave. "We'll charge

them free. The

Our purpose is simply to save a few lives through the use of seat belts.

Vern Smith, 2301 Lomita

Blvd.: "Seat belts won't be of any value unless they are worn.
They are as important on short trips as they are on longer motor



trips. We hope to install, at minimum cost, several hundred belts and increase the safety of motorists

Bill Faulds, 22105 Redbeam



Ave.:
"As co-chairman of the
clinic, I am very gratified by the cooper-ation we have had from civic officials and car clubs un-

der Officer Jackson of the Police Depart ment. We hope to see a good turnout at the clinic."

Dave Garrison, 918 Amapola

"Our car club motto is 'Safety First' and we have regular safety check-ups of all our cars. We hope later to make



have proven valuable in accidents, and do save lives."

#### Four Juveniles Held by Police

Four boys, two 16 and two 17, were picked up by police idey night on charges of free of parental supervision and possession of liquor by minors. They were remanded to the custody of the Torrance Juvenile Bureau for disposi-

# Local Plant **Making Parts** For New Jet

A new concept in aircraft which will permit vertical take-off similar to today's helicopter and forward movement near the speed of sound was unveiled for newsmen and military personnel by Ryan Aeronautical Co. in San Diego Friday.

If research flights early next motors and fans, lighting, rad

year prove successful, produc-tion of the craft could me.n a plant has been working on the large volume of electronic and related work for the Torrance months, officials said. plant of the developing com-pany, HERALD representatives

THE NEW CRAFT, known as the U. S. Army VZ-11, is the world's first lift fan vertical main that way,
so this project is designed to
install seat belts in as many
cars as possible."

George Brewster, 20610 Thnrita Ave.:

World's first lift fan vertical
take-off capable of near sonic
speeds, according to designers.
Friday's showing was conducted by the Army with General
Electric Co. and Ryan officials.
The full-scale mockup shown

charge belt, a d van c e d research aircraft which the Army's Transportation Research Command orderthem free. The din November, 1961, under a car clubs, Boy Scouts, and the Torrance De-Molay will install the belts. Timely to any circular to a care a contract which totals \$4.7 million and calls for construction of the airframe around General circular to a care. Electric's lift fan system.

> THE NEW CRAFT will be able to take off vertically, change to conventional flight, and will fly at speeds of more than 600 miles per hour. Ryan officials said the equip-

ment for the static inverter which provides all auxiliary power for the craft is being fabricated in the Torrance plant. These include cooling

#### Writer Speaks at Baptist Church

Mrs. Dorothy C. Haskin, edi-tor and writer, will be the guest speaker at the Sunday evening service at South Bay

ervices begin at the church,

plant of the developing com-pany, HERALD representatives stabilization equipment will probably be done in the Tor-rance plant if the research

THE PLANE will employ two turbojet engines with a valve arrangement which can divert exhaust gases into wing nose fans to give vertical lift to the craft. The gasses would then be diverted conventionally through the exhaust to pro-vide standard jet propulsion. The VZ-11 program culmin-

ates three years of static and wind tunnel testing of the lift fan and propulsion concept. Wind tunnel tests of scale models of the new craft have boosted optimism of the de-signers.

signers. Ryan has been directly engaged in studies of vertical rising craft since 1955 and used its backlog of knowledge in designing an airframe around the GE propulsion system which was selected in the VZ-11 design competition.

NATIONAL Aeronautics and Space Administration and the U. S. Air Force have expressed interest in the VZ-11 project,



UP AND AWAY . . . Illustrated is the U.S. Army's VZ-11 lift fan V/STOL research aircraft which was unveiled at the Ryan Aeronautical Co. plant in San Diego Friday, Flight of the craft is scheduled for mid-1963. It will be capable

of taking off vertically and then shifting to conventional flight, attaining speeds of more than 600 miles an hour. Components for the craft are being fabricated in the Tor-rance Ryan plant.

## Report Urges Citizen School Board To Consider Aid for Civil Defense

(Editor's note: This is the last of three articles which the HERALD has published on the state of civil defense plans in the City of Torrance.)

By JERRY REYNOLDS Herald Staff Writer

Plans have been developed by the City of Torrance, in co-operation with Area G, for state and national coordina-tion of civil defense operations in event of a major disaster. The plan for Torrance is both realistic and adequate in most areas. officials said Friday, and are monitoring the program. NASA is also testing a scale model and will provide wind tunnel tests one of the two planes being constructed.

The Air Force is supplying the turbojet engines and diverter valves—the key to the entire operation.

to compensate and correct

ONE OF THE most pressing needs, and the most glaring insufficiency, is the lack of knowledge on the part of the 112,000 people who will be affected by the plans in the event of their use. Efforts to form a citizen's commutee have

sevent of their use. Efforts to form a citizens' committee have been continuing for some time. Such a committee could aid overall operation of civil defense, primarily by teaching the public what to do and how to do it. A plan such as the World War II warden system is anticipated. This plan involves sectioning the city on the basis of fire protection into several zones. Within these zones, sub-area committees of citizens would be formed.

THESE SUB-AREA committees would have an area communications system, administer emergency medical aid, direct area operations and performs similar tasks until professional help could arrive.

BUCH A CENTRAL agency would strengthen greatly the overall coordination of civil defense plans in the city. One of the important functions, public information and welfare during an emergency, is also a neglected item in the present plans. Future plans call for this function to be described by the commission could handle are general public lectures to inform large segments of the population, conduct training classes for service of the service of the

rect area operations and perform similar tasks until professional help could arrive.

The sub-area chairmen would

also be a valuable link in the dissemination of information on shelters, stockpiling food and other general information from the federal and state gov ernments to the people.

#### Inside The Herald

BOOKS BRIER . COMES
COMES ORD

## School Board Salary Rates

Three items will head up tomorrow night's Board of Edu-cation agenda.

Under consideration when the Trustees meet at 7:30 p.m. will be the approval of bound-Heavier responsibility for general planning and coordination may be delegated to the Police Department in the near Police Department in the near At their last meeting, board the

general planning series of the tion may be delegated to the Police Department in the near future. Since this agency is charged with the most important functions in the time of disaster, general planning could best be done by the denartment.

shaw Boulevaru overing, board I at the members moved part of the Madison attendance area to the Casimir School, moved the basic skills classes from Jefferson to Fern-Greenwood School, son to Fern-Greenwood School,

## Injured Man to Go Home

Twenty-one-year-old LeRoy Wyman, who was not expected to reach the hospital alive after he was tossed through a car window in an accident here Aug. 3, is scheduled to be released from Harbor General Hospital today to begin a convalescence in Rhode Island.

The Gardena cyclist was taken to Harbor General Hos-pital following a crash at 180th Street and Western Avenue. When he arrived, surgeons found he had received a deep cut which encircled half of his

THEY ALSO FOUND that he had received a skull fracture, fractured collarbone, two fractured vertebrae and a severed vertebral artery, fractured rib, pelvis, and right arm.

Because he had lost an es-timated four or five pints of bloed, Wyman was given im-mediate blood transfusions, and Harbor Hospital doctors did a tracheotomy to open the

NO UNUSUAL surgical techniques were used in the hours-long fight to save the young cyclist's life, hospital officials said Friday when it was announced that Wyman was leaving Sunday. Wyman will fly to ing Sunday. Wyman will fly to Warwich, R.I., with his father, LeRoy Wyman Sr., to continue his convalescence.

#### Nine TV Sets, Four Radios Go to Thieves

Detectives this week con-tinued to run down thin leads in a downtown burglary which netted the thieves more than \$1,500 worth of television and Detectives this week

### Pair Go on Picnic After Stabbing Ends Quarrel

A family argument which and one under his arm, He ended in a stabbling here early was released later.

for three knife wounds — one penter, told officers he was station they were going on a near a rib, one on the arm, hit several times before he picnic.

Police were called to the leased yesterday when her Jayre Gilbert, 1860 Torrance, Blvd., about 2 a.m. yesterday when Mrs. Gilbert called and said she had stabbed her husband.

The victim had been taken to Harbor General Hospital by Clifford Rowan, father of Mrs. Gilbert, where he was treated for three knife wounds — one leave to the spenter told officers on duty at the station they were ground to their apartment and giber with the partment and giber with the partment and giber with the partment and giber to the station they were going on a station the station they were going on a station t

was released later.

yesterday has been patched up and all were headed for a picnic yesterday afternoon.

Police were called to the leased yesterday when her Headed for a picnic yesterday afternoon.

Police were called to the leased yesterday when her Headed for a picnic yesterday when her her her with too his father-in-law who took him to the hospital, officers said.

LET'S GET STARTED . . . Supervisor Kenneth Hahn (right) seems to be saying, "We'll be late" as Gov. Edmund G. Brown shakes hands with city councilman J. A. Beasley, chairman of the Inter-City Highway Committee. Brown arrived at Torrance Airport Friday morning to dedicate the new section of the San Diego Freeway. The party left the airport with a police escort, and made it to the dedication site with time to spare.