

### Serviceman Wins Prizes In German

Realistic field problems and maneuvers form part of an intensive training program conducted by the "Red Diamond" division, a part of the seventh army.

Sergeant Chansley, a squad leader in the 11th regiment's company I, entered the army in September, 1954. He arrived in Europe in February 1955.

### Wins Prizes

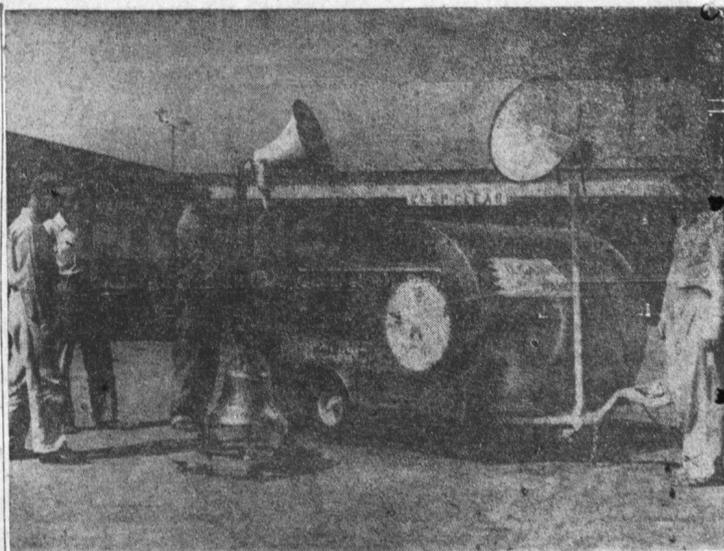
Army Pvt. Kenneth W. Jones of Torrance, a member of the 37th transport command "Wheeler" baseball team in Mannheim, Germany, received congratulations and two trophies from Brigadier General B. F. Modisett, the Army's European transportation officer.

WHEN THE mind loses its feeling for elegance, it grows corrupt and groveling, and seeks in the crowd what ought to be found at home.—Landon.

MOST PEOPLE are about as happy as they make up their minds to be.—Abraham Lincoln.



ALL NEW STYLING . . . The new Studebaker President Classic four-door sedan, top model in the company's line, has the big, new design and styling being introduced for 1956. The car is more than 17 feet long and almost 6 feet wide. Public showing is scheduled at Tom King Studebaker-Packard dealer, 350 N. Pacific Coast highway, November 22. Studebakers have the only complete restyling in the volume low-price field.



FREE WHEELING is now available for El Camino college's victory bell and sound equipment. Housings both is the new trailer constructed by Paul Puri, Al Lininger, Y. R. Ball, and Bob Lawson, left to right. The college staff members were lauded for the workmanship evident in the new vehicle.

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## So You Think You Have The Solution to Smog?

Do you have a plan which you think could cure the Los Angeles smog problem? If you don't, you are probably among the minority.

Rarely does a day pass at headquarters of the Air Pollution Control District, 434 S. San Pedro Street, Los Angeles, which doesn't bring at least one suggestion on how smog can be eradicated. Sometimes, as many as a dozen may pour in.

Numerous Letters "I think I have a plan which will cure L. A. smog," the letters usually begin. Invariably, the writer, a person with great scientific consciousness but little scientific background, goes on to recommend one or another of these methods:

1. Install giant fans on buildings, hills or mountain tops to draw or blow smog away.
2. Install a series of huge pipes in smoggy areas to carry

pollution off to the desert or over the mountains.

3. Seed clouds with dry ice to make it rain and wash smog away.
4. Build giant flares or fires to burn through the inversion layer.

5. Have giant fleets of aircraft or helicopters fly through the Basin to create turbulence and keep smog from stagnating.

6. Blast off the mountain tops or drill huge tunnels through them to create air passages.

7. Install huge air purifying units at strategic locations.

While the District is extremely interested in receiving ideas for control devices and suggestions on getting rid of smog, engineers have calculated that power requirements for the majority of plans would be fantastic.

Why It Won't Work These are the facts they give

on why fans won't work: on a hot, smoggy day, with a temperature inversion at 500 feet, Los Angeles County has a mass of polluted air approximately 15 miles wide, 30 miles long and 500 feet deep. That means a total of six and a half TRILLION cubic feet of polluted air, weighing 250 million tons.

To move this mass 30 miles into the desert would require 31,300,000 kilowatts of power, or all the current produced by Hoover Dam since it began operation in 1936, through May 31, 1939. At that, it would keep the Basin clear for only a day and a half!

Even with the area's weak winds to assist in the movement, the stupendous forces required to "blow away the smog" for any considerable period are almost beyond the imagination. Power requirements to clear only the worst smog areas would tax every electrical facility to its limits and place a staggering tax burden on County residents.

Another suggestion — to "break through" the inversion — is equally unworkable, according to calculations developed by engineers. Based on October 9, 1954—a smoggy day—it would require over 57 trillion BTUs of heat to lift the smog and disperse it above the inversion layer. For comparison, the average

large home heater puts out about 50,000 BTUs of heat per hour.

In terms of electrical power, it would take Hoover Dam 3 1/2 days to produce enough energy to move a single day's mass of polluted air above the inversion layer. As is the case with wind machines, sufficient power to clear only the worst areas would cost so much as to make the total annual taxes paid by all residents minuscule in comparison.

#### Move the Mountains

The sixth suggestion, that of removing the mountains or of drilling holes through them, would not create smog-clearing winds. Weak winds are the result of immense meteorological factors far beyond mere man's control, even if atomic power were used. If all the mountains surrounding the Basin were removed, it would still suffer smog intensities just as high as at present.

Obviously, fleets of aircraft would have no effect on smog formation as power required to move the air is the same as that needed for wind machines. Even if enough airplanes were available, they would be forced to fly too high to affect low-level smog.

Air purifying units are also deemed unworkable by engineers, again because of the huge power requirements to clear only a fraction of the smog.

Cloud-seeding, to produce rain, would remove only visible

## Loud Speaker Trailer New Warrior Mascot

Four members of the El Camino college staff boast new pen and pencil sets today, following a presentation sponsored by the Associated Student Body at a recent Pep rally.

Awards were made to Paul Puri, Engineer, Y. R. Ball,

## Radio Repair Study Army

Willis E. Combs, Jr., a recent graduate of Torrance high school has been accepted, under the Army's Reserved for You program, to attend the microwave radio equipment repair course at the Army signal school, Fort Monmouth, New Jersey.

He will commence his eight weeks of basic training prior to reporting to the signal school.

He resided with his parents, Reverend and Mrs. Willis E. Combs of 1957 Plaza Del Amo.

Pictures of Warriors, emblematic of the college, decorate each side of the trailer. When taken to neighboring campuses for sports events, it will be drawn by a pick-up truck.

Students have acclaimed the vehicle as a new "team mascot."

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**THREE WITH 2 DOORS**

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**Ranch Wagon** This favorite has two wide doors, easily seats 6 people. As in other models, lift gate and tail gate can be operated easily with one hand.

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