

## President Truman Announcing Surrender of Japs



Photo shows President Harry S. Truman as he announced the end of the war with Japan. Left to right, front row, Admiral Leahy, Secretary of State Byrnes, President Truman and ex-Secretary of State Cordell Hull. Three years, eight months and one week since the sneak attack on Pearl Harbor the Japs accepted the terms of the Allies for an unconditional surrender.

## Gas Turbine for Air Engine Seen

Engineer Predicts a Wider Use for Long Range Plane Transport.

NEW YORK. — Compact and super-powerful gas turbines driving propellers may have a wider application than jet propulsion for the big long range air transport planes of the future, according to engineers of General Electric.

This prediction, along with analysis of the most attractive applications for several new combinations of aircraft motive power, was made by S. R. Puffer and J. S. Alford in a technical paper titled "The Gas Turbine in Aviation—Its Past and Future," presented before members of the American Society of Mechanical Engineers.

High speed jet propulsion, according to the engineers, may be relatively expensive for single flights of approximately 500 miles. For greater distances, the cost becomes higher but could be justified on the basis of faster service. These conclusions were based on several assumptions, among them the use of fuel cheaper than high octane gasoline would be used. For flights not greatly in excess of 500 miles, the cost of jet propulsion transport is only slightly higher than that of present day transport, the engineers said.

### Most Likely Fields.

The most likely fields for the different engines and combinations of engines, according to the engineers, follow:

For the utmost in speed, disregarding other considerations, jet propulsion is by far the best performer.

The gas-turbine-propeller combination provides a power plant which, on account of its low specific weight, gives a performance approaching that of the jet unit except at very high speeds, but with much better range.

For operation at extreme altitudes, the present internal combustion engine, equipped with a modern turbosupercharger and properly utilizing the exhaust gas through a jet, is nearly equal to the jet propulsion unit in speed and far surpasses it in climb.

All of the design and operating advantages obtained in the G-E jet engines will carry over in the case of a gas turbine driving a propeller, according to Puffer and Alford. Such features as simplicity, minimum of vibration, for example, will also characterize the gas turbine power plants.

### All High Altitudes.

Performance of the gas turbine does not decrease at high altitudes as much as might be expected, according to the engineers. They explained that while the power or thrust output does decrease with decreasing air density, the cold air at high altitudes which has a favorable effect on the overall gas turbine output partially makes up for the lack of supercharging.

The engineers said that most propeller-type turbines, particularly those designed for use in high-speed planes where a jet can be used effectively, will get their power both from the propeller drive and the jet. They said that a favorable ratio for the two was about 75 per cent turbine and 25 per cent jet, although the amount delivered by the jet could be adapted to suit the requirements of the plane on which the power plant is installed.

## 'Kickless' Cannon Like Firing a .22 Rifle

WASHINGTON. — The army disclosed performance details on its new kickless cannon, which fires artillery shells with no more recoil than a .22 rifle.

The two guns, a 57 and a 75 mm., were battle tested in Europe and now are being turned against the Japanese "with much success," the army said.

The 57 mm. rifle, which can be fired from the shoulder or from a small tripod, weighs only 45 pounds, yet can toss a regular shell weighing about three pounds for two miles.

## Tar Eyes Showgirls, Says 'Looks Like Good Trip'

NEW YORK.—An army transport was transformed into an ocean-going showboat as it sailed for France with 212 USO performers—the largest group ever sent abroad to bring fun and frolic to G.I.s.

Sixteen pert, leggy Rockettes from Radio City music hall and 12 members of the theater's corps de ballet were among those who graced the decks of the transport.

A red haired sailor, casting eyes at the beautiful girls, declared happily: "It looks like a good trip."

## Starvation Threatened By Chinese Crop Failure

CHUNGKING. — More than a million people in Kansu province in northwestern China face virtual starvation as the result of failure of summer crops, the newspaper Ta Kung Pao said recently.

Students from Kansu, who have appealed to the government for effective relief in the stricken area, state that the drought affected a majority of the province's populous areas.

## London Conscious Of Its Shabbiness

People Now Have Chance to Think for Themselves.

LONDON, ENGLAND. — Londoners who for six years have thought in terms of blitzes and buzz bombs are now for the first time able to think of themselves.

And one of the first questions they ask newcomers is, "do we look shabby?"

They are suddenly conscious of their made-to-do clothing, their unpainted and unrepaired houses, and the city which they say over and over looks "so dirty."

Watching the women is like watching an old movie. Few have been able to buy new clothes in four or five years. Suits fit poorly. Heavy lisle stockings or bare, unpainted legs predominate.

Shoes are neat and well kept up, but often old style. Most hats — which are unrationed but very expensive — are pulled low over the eyes a la flapper girl era. Bleached hair, sometimes in a variety of shades, is very common. Nail polish is almost unknown.

Coats are of any fit, any era, often with sleeves of different, not too well matching material. Young girls' frocks are too tight, way above their bare knees. The dress materials and patterns have not been seen in the States for four years. Furs, with more than 100 per cent luxury tax, are rare.

When an occasional moderately well-dressed woman, who wouldn't get the blink of an eyelid in New York, crosses a London street people not only stare but mutter about "black market."

One of the bitterest complaints of English women is that their men have come home on leave from liberated areas raving about the "smartness" and "attractiveness" of the girls.

"When the war with Japan is over, we'll be glamorous, too," they say.

The men somehow seem better dressed but few suits look new and often trousers and coats don't match.

Restaurants change tablecloths infrequently and napkins are virtually unknown. Hotels display signs, "please bring your own towels."

## 'Formation Control Stick' Reduces Pilot's Fatigue

PARIS. — The "formation control stick" which enables a pilot to fly heavy ships "with his finger tips" was described here by Col. D. L. Putt, director of technical services for air technical service command in Europe. Details of the amazing aircraft device, used in combat during the last phases of the air war over Germany, have not been previously released.

Putt said the device was designed to cut down flight fatigue. It is 8 inches long, equipped with an arm rest for the pilot's comfort. The stick is so minutely geared it can be moved with one finger and controls electrical components beneath it which operate ailerons, elevators and rudder.

It is connected to the automatic pilot and automatically centers itself. Battle-weary pilots are thus able to stay in formation with a minimum of effort during long runs to and from targets.

## Corporal's Deduction Was 100 Per Cent Correct

WITH THE MARINES. — A marine corporal was observed by an officer poking around a Jap earth-covered bunker that had been bypassed a day and a half earlier. Curious, the officer approached the corporal and asked why he was cautiously investigating a position well behind our lines.

"There's a Jap in there," the two-striper muttered, keeping up his prying.

"How do you know he's in there?" the officer questioned, beginning to suspect the man of seeing things. The corporal, still busy snooping and peeping, didn't bother to turn around as he grunted, "Because when I threw a grenade in there, the 17 ft. 10.5 threw it back."

## Tuneful Clock Posts Vermont Legislators

MONTPELIER, VT. — A tuneful reminder is at the Vermont state house for legislators who forget the day of the week.

An old English clock peals a different song each day — "Old Hundred" on Sunday; "Johnny's So Long at the Fair," Monday; "Auld Lang Syne," Tuesday; "Home, Sweet Home," Wednesday; "Annie Laurie," Thursday; "Jennie Jones," Friday, and the "Minstrel Boy," Saturday.

## List 2,500 Planes In A.O. Air Force

PARIS.—The American Occupation air force will be composed of 2,500 planes and 100,000 officers and men, including heavy and medium bomber units and fighter groups. The basic organization will be the U. S. 9th Air Force, to which will be added units from the 8th, 12th, and 15th air forces, it was reported.

## Kathleen Norris Says:

Time: The Inevitable Cure

Bell Syndicate.—WNU Features.



When your soldier boy comes home, remember that time is the cure for the problems that will come with him.

By KATHLEEN NORRIS

WHEN your soldier boy comes home, remember that time is the cure for the problems that will come with him.

Whatever the situation is, time will alleviate its hardest features; time will bring new interests, new turns of the wheel that will make living tolerable to him.

Be infinitely patient; not too cheerful, not too sympathetic. Keep about him as pleasant an atmosphere as you can, and wait for time.

Perhaps he may have to adjust himself to the loss of a hand, or a leg. Perhaps his sight is gone. Perhaps some facial injury will cause him pain and difficulty for the rest of his days.

Or perhaps — and this is the most dreadful of all — his mind will be slightly disordered. Not enough to make him an institution case, but enough to distress those who love him, depress him almost to despair, and make readjustment slow and hard.

Meet all this with serenity and faith. Time works miracles. Torn ligaments heal; lost limbs are misgained much less than anyone afflicted by that loss can believe. And love and courage and time-time build up ruins and tie the scattered threads of life into new patterns.

### After the Parties.

So when your soldier boy comes home, meet him with the usual royal welcome. Fried chicken and layer cakes, joyous telephoning and visiting, presents, entertainments, unlimited family affection and interest.

But when this flurry is over, the strain comes, and that is the moment when you have to have your strength and philosophy ready. Here is the story of an American mother who has had that crisis to face.

"My twin sons, Rafael and Raoul, went into the service in the army two years ago," writes Mrs. Frank Espinosa of Tucson, Ariz. For a while they were together, then Rafe was sent to the Marianas, from which he returned six months ago, having lost both legs. Rolly is still in this country.

"The mass horrors of war are beyond all comprehension, but surely there is no sadder case than that of a magnificent 22-year-old who comes home hopelessly crippled. His father aged 20 years overnight, and for all my prayers, all my determination, I could hardly bear the shock of meeting him.

"In his wheel chair, he held a sort of travesty of homecoming reception; then we had to face the grim fact — put away forever the old fishing-rod, the football clothes. The pity of friends and family cut him terribly, yet he had to see people. We are not rich, my husband's salary is adequate, but no more. Our home is a six room cottage, in a plain block of similar cottages. The boys used to go away camping in bad weather, and for several seasons, my husband took a job in a mountain hotel, and I went there with him, and helped in the dining room. But we could afford no luxuries for our stricken boy. We could not take him away from the eyes of neighbors and friends.

"For months he sat and brooded.



"I look I thought never to see again."

### THE ROAD BACK

Families of war veterans will have to put up with a period of reorientation, while the young man struggles to readjust himself to the old ways of life. Whether this trying time is long or short depends a good deal on the man's character, and on the experiences he has endured. A soldier who faced death for many months will have a harder course than one who served as a clerk, far from danger.

Then too, the problem is frequently complicated by wounds, loss of limbs or senses, or by mental disturbances. The sense of helplessness is especially oppressive to a sensitive young man who has always been strong and active. Mothers, wives, sweethearts, in fact everyone associated with these unfortunate, follows will have to make a constant effort to help them back to a cheerful viewpoint.

How one soldier regained his happy outlook is recounted by Miss Norris in today's article. He is only 22, but he has to face the future without legs. Yet in time he found new interests—wood-carving, helping with the family cooking, caring for a few chickens and a dog. Simple, homely things, but they are often the best cure for the aftermath of war.

He would try to brighten — my poor boy! — he could not do it. Rafe came home, and was happily married last June. Maria, my daughter-in-law, generously agreed to a quiet wedding in our parlor, so that Rolly could be present, but Rolly would not be best man. It was all sadness, darkness, hopelessness for the three of us at home.

Carved Wooden Dolls. "Then—I hardly know how, things changed. For one thing, we bought him a dozen chickens, and it is extraordinary how they amuse and interest him. For another, I let him help me with cooking and got him a little cook book. Now he asks me to get taragon vinegar or maraschino cherries for various dishes, and putters away with chopping bowls and egg-beaters while I am getting meals.

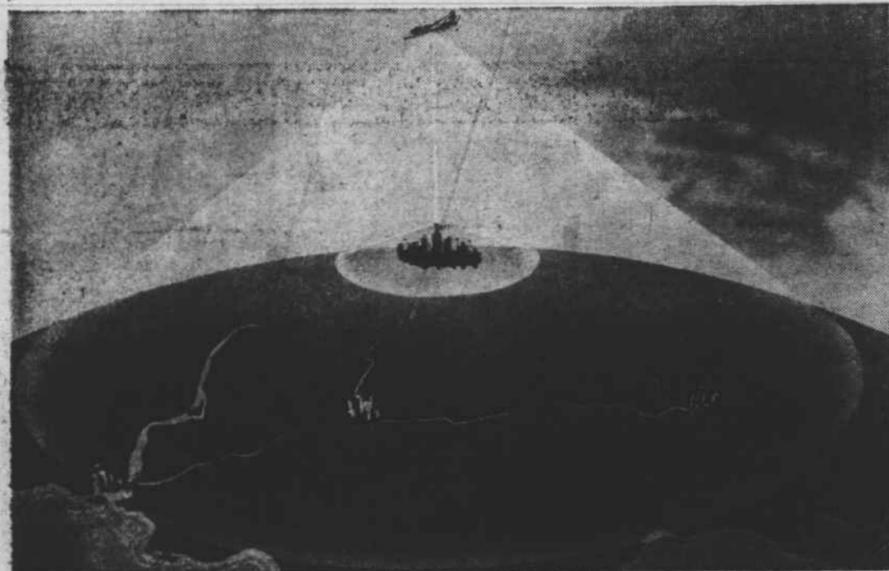
"Best of all, he carved me a little Scotty out of soap one day, and it was so good that I have kept it, under a glass bowl, and have encouraged him to carve other things. Now he is carving the most remarkable jointed dolls of white wood; they are so fine in their natural little childish faces and forms that he has not only found an immediate market for the few he has done, but may really hope for a fine livelihood from them. This still seems to my husband and me too good to be true, but it is surely coming.

"Lastly, two weeks ago, to celebrate the first little success of the dolls, we brought him a baby Scotty, a little mass of bouncing black wool, and a few hours later, when Brig was asleep in Rolly's arm, I saw a look on Rolly's face that I thought never would be there again.

"In gratitude to God," this letter ends, "my husband and Rolly and I send you his story, to encourage other mothers to be patient, and to believe that things will be better in time."

Keeping Knives Sharp. Most kitchen knives get dull because they are improperly stored, used for the wrong job, and never properly sharpened. To sharpen paring knives put a sharpening stone on a flat surface, pour on a few drops of light or medium household oil, and holding the knife in your right hand, with your left forefinger bearing down slightly on the knife tip, "shave" the stone first toward you, then away from you. The knife is horizontal to the stone throughout the sharpening process.

## Antennas to Blanket Nation With Television



Plans to inaugurate a new system of television and FM radio broadcasting from stratosphere airplanes circling six miles in the air, as soon as permits and equipment can be obtained, were announced by Westinghouse Electric. Initial flight tests of the system, known as stratovision, are expected to be made soon. Large circle shows the increase to about 103,000 square miles possible under the system of stratovision.

## Furlough in Island of Peace



American soldiers enter Switzerland on furlough to spend eight days in the tiny land that remained a veritable "Isle of Peace" in a sea of war for nearly six years of the European conflict. Photo shows a few G.I.s in the Swiss Alps, altitude 10,290 feet.

## Unaccustomed Service Returns



With the end of gas rationing motorists have learned how to say, "Fill it up," again. Service stations are beginning to get back into the complete one-stop service with windows cleaned, water supplied, oil checked and tank completely filled. Just like in the good old days. Tires are also checked—and advance orders taken for new ones, when—!

## Novel Hits Jackpot



"Before the Sun Goes Down," a novel about a small town in the 1890s by Elizabeth Metzger Howard, has been awarded \$145,000 in prizes by Doubleday, Doran & Company, and Metro-Goldwyn-Mayer. It is her first novel and will soon be published.

## Remains Swim Champ



Keo Nakama of Ohio State retained his 400-meter crown and was judged the individual winner, having the most points in the recent Senior AAU swimming and diving championship.