

## Plane to Carry 80 Tons of War Material Planned

NEW YORK — Planes are steadily growing larger under the compulsion of war. Already they transport parachutists, now called skyinfantry. One of the big aviation companies has developed and begun manufacture of a large plastic airplane for transporting freight as well as troops. Another aviation concern has plans for a huge 300-ton plane capable of carrying 80 tons of war material at speeds 25 to 30 times the rate of convoys ploughing the seven seas to distant theatres of war. Such a plane could make at least 25 round trips to one of an ocean freighter. Two of them would equal carrying capacity of an 8000-ton freighter and would cost not much more to build in less time with the marked advantage of quickly transporting troops or war supplies where vitally needed, free of submarine menace and danger of bombing while unloading at port of debarkation.

Commercial aviation has grown by leaps and bounds since the last war, particularly in past ten years. What can be expected of it after this war? On April 19th of this year Percy E. Bates, chairman of the Cunard Steamship Co., in a statement published in London, pointed out post-war possibilities of serious competition between airlines and transoceanic steamships for passengers. One of the foremost aeronautical engineers engaged in manufacture of wartime planes, Mr. Grover Loening, recently stated that airplanes must replace ocean-going vessels completely, not only for passenger traffic but also for heavy freight. He predicted this would happen immediately after the war.

Jas E. McDevitt, an aviation engineer from the World War, has designed a monster airplane which is all body with no wings; i.e., it is a flying wing ranging from 500 tons to 3000 tons weight and, if desirable, even larger. It is powered by 80,000 horsepower of high-octane gas motors, directly operating the propellers in large wind funnels running full length of the plane. The air is sucked in at high speed through openings at front of flying wing and discharged at end of the tunnels from rear of the plane. Some of the openings at front of flying wing can be seen in above picture. In addition



Picture above shows a 1500-ton plane having carrying capacity of 400 tons and capable of flying the stratosphere at 450 miles per hour for 24 hours without refueling.

to being 400 feet wide and 210 feet long above 1500-ton plane is 35 feet high in front, tapering down to a knife edge at the rear. So there is plenty of room in the flying wing above the tunnels for both passengers and freight—almost a million cubic feet which is about 1/2 the available space in the largest transoceanic liners.

### Monster Plane Contains No Wings

An important feature of this flying wing design is ability of plane to take-off vertically without any preliminary speed-up on a long concrete runway. Also the plane will land vertically without a jar because the rate of descent is controlled by a series of lifting airfoils or "sky-hooks," that are adjustable to lift or drop the

plane at any desired speed, or even hold it stationary in the air. In this respect McDevitt's flying wing will imitate the automobile. Not requiring expensive airfields with long runways it can proceed direct to any manufacturing plant, land at loading platform, take on its cargo; then fly direct to final destination and discharge its freight without need of railroad or motor truck for final delivery. For deluxe passenger service flying wing can ply between cities direct, loading and discharging passengers from overhead terminals in central locations of each city. Thus vertical ascent and descent of plane by means of sky-hooks will eliminate long jaunts from present airports to travelers' final destination, besides greatly increasing safety of air travel.

### Heppner.

The church has a service flag with the names of all the local boys in the army. There are 23 names up to date.

H. Hoffman and Charlie Marshall have received notice to report to the army next week.

The Charles Wicklander place has been rented.

The H. E. C. women spent Tuesday at the Grange hall patching bur-lap sacks.

Albert Deulan was married in Portland July 21 and has been sent for overseas duty.

Vernon Root and family are staying at the Root home while he is working at the Ordnance Depot.

Quite a number from here attended the circus in Pendleton Sunday.

Art Allen is home for a few days. When he returns to his work Mrs. Allen will go with him and live in Pendleton.

## COLUMBIA NEWS

By Mrs. Bob Woodward

Rodney Rogers, son of Mr. and Mrs. Roy Rogers of this district, was married Sunday, August 16, to Miss Marjorie Fleschman at the home of the bride's parents, Mr. and Mrs. Oliver Fleschman, in La Grande. The couple will make their home at Pilot Rock where Rogers holds a position on the faculty of the Pilot Rock schools. Mrs. Rogers is employed in the telephone office there.

C. L. Upham spent the first of the week in Portland to receive medical attention, returning home Tuesday morning.

Mr. and Mrs. Dick Upham and baby came from Portland Saturday to visit with his folks, the C. L. Uphams, and to look after the farming during the absence of his father. They returned to Portland Tuesday evening.

Elbert Hutchison is now staying with his parents, Mr. and Mrs. Baxter Hutchison, having been employed at the U. O. D. since Sunday. Elbert, who has been associated with the Domestic Laundry at Pendleton, was among the first of the young men to be contacted by the local draft board to change his occupation to a vital defense job. Mrs. Hutchison and baby are remaining in Pendleton for the present.

Duane Lathrop accompanied his sister, Mrs. Rucker of Irrigon, to Wallowa last week to attend the funeral of a brother, George Lathrop who passed away on Monday.

Mr. and Mrs. R. J. Wilbur of Pendleton spent the week end here at the home of her mother, Mrs. Mabel Weeks. Mrs. J. E. Schroeder, daughter of Mrs. Weeks, was visiting here Saturday from Emigrant Hill.

The Marvin Hutchison family of Pilot Rock were Sunday visitors at the home of Mr. and Mrs. Baxter Hutchison.

Mrs. Myrnie Caldwell and small



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## STANFIELD NEWS

By Mrs. Rose Hedrick

Sunday afternoon the home of Mr. and Mrs. Martin Eefvew were the setting for the wedding of their oldest son Robert, to Miss Virginia Gabriel, daughter of Mr. and Mrs. Vern Gabriel. About thirty guests were present. Mrs. Don Sikes played Lohengrin's wedding march, and also played for Misses Lorna and Billie Gabriel who sang "I Love You Truly". Rev. J. K. Griffiths of Pilot Rock read the ceremony. The couple departed for Salt Lake where Robert is a radio operator for the United Air Lines. Miss Gabriel was honored with an attractive and useful shower of gifts Friday night at the church.

Miss Lois Messenger of Boardman and first grade teacher in Stanfield school was here last week trying to find living quarters for this school term.

Announcements were received by many friends of the marriage of Miss Marion Troyer, daughter of Mrs. Ellen Trower, to Irwin Switzer on July 30, at San Jose, Cal. Mrs. Switzer will teach the third grade here again

this year.

Fourth grade teacher is Mrs. Eleanor Dudley, fifth grade is Mrs. Leora Heyden and sixth and principal is R. Hewett.

Music teacher for this year will be Mrs. Ray Harmon who will teach voice and choruses, and instrumental in all grades. The school this year is divided, putting the seventh and eighth grades under high school supervision. The teachers in high school are the same as last year. Supt. Wilfred Thomas, Mrs. Sue Waid, Mr. Boak and Miss Katherine Stevens.

Mr. and Mrs. Harry Muir and two sons spent last week at their old home town of Payette, Idaho.

Mrs. Catherine Olday Gibson is here this week from Portland to visit her mother Cora Coombs Olday.

Homer Hedrick attended the International Sourdoughs convention in Seattle last week end and visited friends.

Mr. and Mrs. Bob Rogers and two children called on friends here Sunday en route to their home at Prescott.

Miss Mildred Mollsted and Beryl Dewing celebrated the latter's fifteenth birthday anniversary at Bingham Springs Sunday.

Mrs. Viola Loughary is visiting her son Tommy and daughter, Mrs. Wesley Blessing in Portland.

Word was received of the death of Harold Christensen of Portland on Sunday by drowning. Mrs. Christensen will be remembered as Leona Rueber. Mr. and Mrs. J. E. Rueber left Tuesday to attend the funeral.

Glen Richards, who has been receiving medical care at the state hospital at Pendleton for the past three weeks is expected to be able to return to his home in Condon soon. His daughters Helen and Lucile and his wife Laura have recently visited him.

Mrs. Max Pigar and Jerry are visiting her sister at Couer d'Alene, Idaho.

Mrs. Laura Jackson and granddaughter Sallie Raymond of Portland are visiting her son Glenn Jackson and family this week.

Rev. J. M. Cornelison of Pendleton was here arranging quarters prior to beginning his services here for the Presbyterian church. He will spend Saturday, Sunday and Monday in Stanfield beginning August 22.

Mrs. Jack Lawrence and Lenna, and Mr. and Mrs. Wayne Lawrence of Portland made a business trip to Stanfield last week end.

## BOARDMAN NEWS

Mrs. Margaret Thorpe

Mrs. Clara Mae Getz and infant son are visiting at the Charles Dillon home.

Mr. and Mrs. Nathan Thorpe and family, Pauline Smith and Mrs. Selma La Londe and children motored to Arlington Saturday.

Greenfield Grange met Saturday night at the Grange hall. Some war talks were shown by Mr. Conrad.

Nate Macomber is in the veteran's hospital in Walla Walla where he is taking medical treatments.

Mrs. Dallas Wilson arrived from Portland Sunday evening to spend a few days at the R. S. Wilson home.

Pete Slavin was home from the mountains for the week end.

Mrs. N. Macomber and Mrs. Art Allen went to Pendleton for the week end.

Mrs. Doris Lilly was in Hermiston on business Saturday.

Mr. and Mrs. Merritt left last week for a two weeks vacation.

George Corwin was here the first of the week to move his furniture to

## What You Buy With WAR BONDS

A scout car is a low-slung motor car armored with heavy steel plate, used to transport troops from one point to another. It is of low silhouette and gives protection against machine gun and other ground fire. A scout car costs \$5,000.



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Both wheels operate on the land to serve as gauge wheels for the plow and to keep the plow level at all times—even when opening lands. It's new in design—new in features you'll like. See it—check its many fine features at our store. You'll want a new John Deere No. 32 two-furrow, Two-Way Tractor Plow on your farm this year.

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Here Is How We Will Help— ANOTHER BOND DAY AT HALE'S CONFECTIONERY

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Monday, Aug. 24

WILL BE USED TO PURCHASE BONDS!

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