

DAIRY EQUIPMENT — Ed Greenwood, smaller dairy farmers in the Rogue valley, Eagle Point area dairy farmer, displays the system of rubber hoses which carries the milk from a milking machine to the system of pipes. Greenwood is one of the

Care of Septic In Hands of Veteran

Care of a properly installed septic tank system on residential property bought through a GI loan or a Veterans Administration loan is the responsibility of the veteran-purchaser, S. T. Brannock, officer in charge of the VA office, Medford, said yesterday.

It is the responsibility of the builders to make preliminary soil tests, water table tests and other exploratory efforts to make sure that the area is suitable for such a system and, in the event it is installed, to see that it is correct and functioning. However, with the purchase of the house, the veteran-buyer assumes the responsibility to use the system according to instructions, Brannock stated.

Additional information can be obtained from the builder, county sanitarians or the nearest Veterans Administration office.

RAILROAD OPENS

PORTLAND — (UPI) — The Portland zoo railroad opened to the public Saturday in the new Portland Zoological Gardens. It was obvious from the start that the railroad would not suffer from the lack of patronage that has bothered other rail lines in the nation.

Hurricanes have uncovered two jetties built by Robert E. Lee at Fort Macon, N.C.

putting more land under irrigation.

The Greenwoods came originally from Kansas where they stayed until after the drought in the 1930's. They farmed for a while in Idaho, then moved to Madras and finally to southern Oregon. One of his sons was already out here. Greenwood liked the idea of all his family farming together and appreciated the comparatively mild climate.

Lived in Eagle Point

Until last August, when the Greenwoods bought their present dairy farm, they lived in Eagle Point and ran a large stock ranch. They still have that ranch of 720 acres. There they run 500 head of white faced Herefords and also use some 2,000 acres of rangeland belonging to O and C. The oldest son, Lyle, helps run this ranch. The second oldest son, Loren, who was first to come to southern Oregon has a farm near Brownsboro.

In addition, Greenwood leases 280 acres in Sam's valley where he raises barley and oats and some beef. His daughter and son-in-law live there.

Having his own supply of feed has helped Greenwood in both his dairying and beef raising operations, however he believes it would be a better idea to just sell the grain and buy his own cow feed. Greenwood is just one of the many dairy farmers in the Rogue valley who are making a sizeable contribution to the farm economy and the consumer's diet.

Phoenix Youths Building Own Helicopter in Barn



IN FLYING MACHINE—Henry Scott, 18-year-old Phoenix youth, steers a homemade helicopter glider constructed by him and Charles Swingle Jr., 18, also of Phoenix. The 'copter is shown in the air over a hill behind the Scott farm near Phoenix. This is a picture of the first model constructed by the two youths. They plan to put an engine in the second one.

By JOE CROWLEY
Mail Tribune Staff Writer

A barn has been the scene of many experiments. It's no different in the Phoenix area where two 18-year-old youths are completing their second helicopter.

Charles Swingle Jr., and Henry Scott, recently graduated from Phoenix High school, have been experimenting with helicopter gliders. Now they hope to apply power to the light aluminum frame resting in the Scott barn. Six months of spare-time work already has been put in on the project.

The youths had planned to use a 72 horse-power drone engine. However, the engine, taken from a small plane used for artillery practice, would require too many modifications—starter and fan belt, to mention a few—so the future aeronautical engineers hope to sell the drone engine and get an outboard engine. Carry One Man

Such an aircraft would carry one man at top speed of 60 miles per hour, the youths estimate. However, for safety's sake they don't plan to travel that fast.

Meanwhile the pair is financing their venture by selling helicopter propellers which they make themselves. A number of people in this area are interested in making helicopter gliders, they report. Most of them are made from manufacturers' kits and are a little unlike the homemade one the teenagers have constructed.

They got the idea when they looked through a magazine which pictured a helicopter glider flying over water. The two started to figure their design out proportionately, then spent many long hours in the high school shop and at home.

Make Own Shaft
They ground out their own aluminum shaft to which the blades are attached. They found cut-down truck springs supporting the base make the best shock absorbers.

Equipped with wheels and minus an engine, the 'copter weighs an estimated 70 pounds, the youths say. The first 'copter required three years of spare-time work.

Learning to fly the unwieldy bird required even more time. Flight experiments were made at the Medford airport and in the Camp White area. The 'copter was lashed to a trailer towed behind Swingle's car. Then the

boys took turns experimenting with the handle bar attached over to the blades. They found they could maneuver their whirlybird by pulling the bar first one way then another to control the pitch.

Became Accustomed
Gradually, as they became more accustomed to the feel of the aircraft, the restricting ropes were loosened. Finally, the budding aviators graduated to use of tow-ropes.

"Our folks kinda took a dim view of the first one we built. Were afraid we would break our necks, I guess," young Swingle said.

Named An Alternate
Young Scott said he has been too busy to qualify for the honor society but seems to have done all right just the same. He was named as an alternate for a Southern Oregon college scholarship, according to an announcement made when his class graduated from Phoenix High school Tuesday.

Swingle received the school award as the outstanding senior in general achievement during his four years. He also was named as an alternate for an Oregon State college scholarship.

The two future aeronautical engineers plan to attend the Ashland school for two years then either go to Oregon State college or to one of the leading engineering colleges in California.

Meanwhile, the two young aviators are looking to the near future when they can mount an engine in their helicopter and feel it climb 900 feet a minute.

Macmillan Under Moscow Pressure

London — (UPI) — Moscow Radio pressured Prime Minister Harold Macmillan Thursday to persuade the United States to agree to an "early" summit meeting.

Macmillan goes to the United States Friday for talks with President Eisenhower. He called his cabinet to a meeting today to work out final details for his trip.

Moscow Radio, in a broadcast beamed to British listeners, said if Macmillan "really desires to do so" he will press Eisenhower for an "early" calling of a summit meeting by convincing the United States to take a reasonable stand.

EP Farmer Example of One Who Brought Own Business to State

Ed Greenwood of the Eagle Point area is an example of one of the many farmers in Oregon who have brought their farming experience to this state from the mid-west.

Ed is passing on that experience to his youngest son, Nolan, who may eventually take over the dairy herd of "70 some head" including heifers.

Strange as it sounds, the

veteran farmer hopes his 16-year-old son will become something else besides a farmer. He hopes above all that he will go to college and get a good education. However, young Nolan is too interested in dairy farming to be swayed, according to Greenwood says.

Chores Before School

The Eagle Point High school student gets up at 4:45 a.m., then gets his father up to do the early morning chores before going to school.

When the Greenwoods bought the 200-acre dairy farm last August it was pretty badly run down. Then, the farm had some 20 milk cows. Many of these were culled out. Now Greenwood has a good quality herd. The 70 head are mostly straight Jersey with a few Holsteins to get more quota.

Greenwood is gradually building up his herd and hopes to have 100 head of top quality cows eventually. Greenwood has his milk parlor underneath his big barn. Considers New System

He is considering the new herringbone system of stalls which is designed to milk about 55 cows an hour. As the name implies the cows enter the stalls herringbone style. It means faster milking because six cows will enter and leave almost as fast as two cows in the other type of stalls. The cows are packed close, together at 30 degree angles, side by side. Since less room is required, cost per stall is less.

Like many other dairy farmers, Greenwood believes the Rogue valley will always have its dairy farms and expects even more when the Talent project is completed

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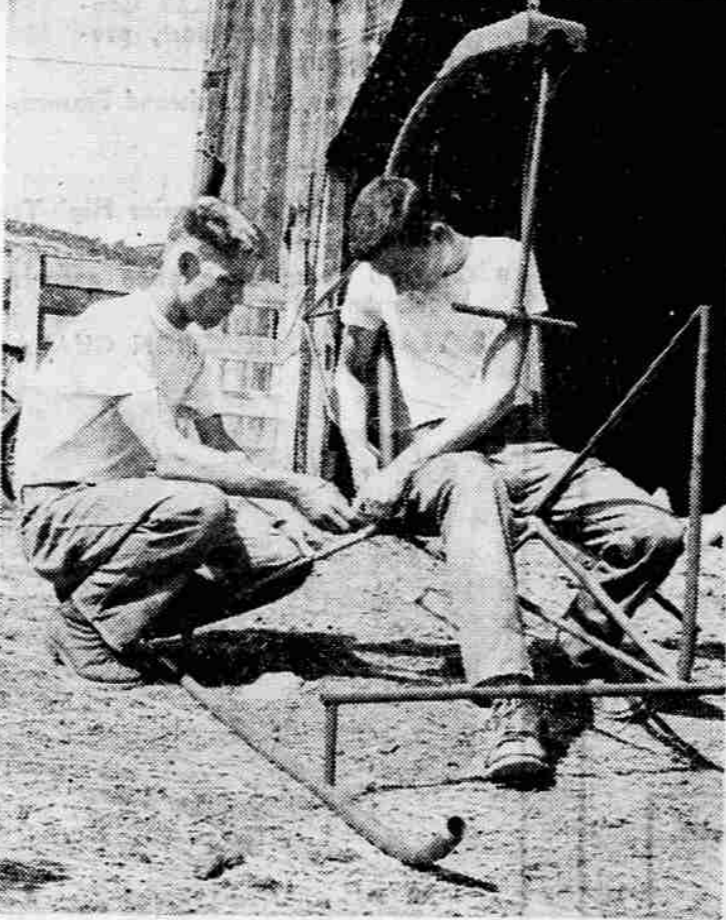
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DRONE ENGINE—Charles Swingle Jr., 18, Phoenix, holds the 72-horsepower drone engine which he hopes to sell to he and his partner, Henry Scott, can buy an outboard motor to power their helicopter. The engine was taken from a small plane used for artillery practice.



ADJUSTS BELT—Charles Swingle Jr., 18, Phoenix, left and Henry Scott, 18, Phoenix, adjust the seat belt attached to the helicopter glider frame which they constructed in the Scott barn and in the Phoenix High school shop. The two youths hope to sell a drone engine which they have to get an outboard motor which they plan to install in the helicopter frame. The handle at young Scott's left arm is used to control the pitch of the rotor blades. This is the second helicopter glider the boys have constructed.

Japan reports a record number of new patents, designs and trademarks, with 153,437 registrations in Tokyo in 12 months.

There were 63,000,000 cars and trucks in use in the United States at the end of 1957, compared with 60,600,000 at the end of 1956.

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