## OREGON'S IMMENSE FORESTS NOW PROTECTED FROM FIRE BY AIRPLANE PATROLS

Latest Preventive and Fighting Facilities Are Installed to Keep Guard Over State's Magnificent Stand of Choice Timber-Experiments of the Past Season Prove Success of Plan to Watch Vast Areas From the Sky



services to determine the advisability of maintaining such a patrol from year year. Would airplane patrol prove to be the more economic and effective, eventually replacing the patrol and lookout system now employed for those and many other questions were the minds of the men charged with the protection of Oregon's timber that a system of airplane patrol will dur when the planes were first intro
ficient patrol system for the coming year.

Retings of representatives from the coming year.

Is the air service, state, federal and private forest protective organizations are being held and planes for the coming year.

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Is the air service, state, federal and private forest protective organizations are being held and planes for the air service, state, federal and that a service organization are being held and planes for the air service, state, federal and that the war department will give further assistance next season and B that a system of airplane patrol that a system for the coming year.

By F. A. Elliott, State Forester. , and personnel at their disposal. These T MAY be safely said that the lat- pilots, mechanics and planes must be est development in forestry is the kept in action, and the air service was use of airplanes in patrolling Ore- anxious to determine the possibility

use of airplanes in patrolling Oregon's timber resources for the detection of forest fires.

Experiments along this line were carried on during the past summer by the air service branch of the war department, working in co-operation with the United States forest service and the Oregon state board of forestry.

Last season's work may be classed as an experiment by the different services to determine the advisability of performing a real and valuable service in conjunction with their regretions, which provide that each pillot spend a certain amount of time in the air. The men on airplane partic in

risk. This squadron will consist of 18 planes, most probably, of the De-Haviland type, 180 men, from 20 to 40 officers, carrier pigeon lofts, and

will include a photographic and radio

Photography Will Be Tried. Besides maintaining a daily patrol during the fire season, it is planned to photograph the entire forest area. With the special aerial photographic

this work may be accomplished in practically three weeks time.

The practical three weeks three weeks time.

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The pract

## to the general topography and character of the forest covered throughout the five states. California and Oregon were the only states to receive aid from the war department in airplane patrol during 1919. For Oregon alone one complete observation squadron will be required to sustain a daily patrol of the 28, 000,000 acres of timber, brush and cut-over land which constitute a fire



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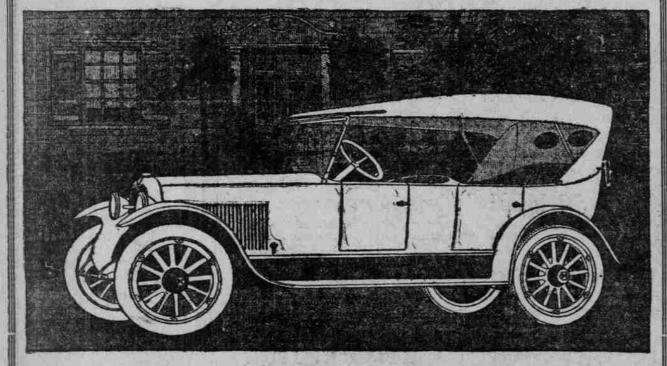
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