AERONAUTICAL CHAMBER OF COMMERCE - Aviation News Committee

Los Angeles, Sept. 2 - (AP) - Actual combat on the battlefield in World War II, the North Atlantic, Europe and Asia - are daily proving the superiority of American-built warplanes - the planes which made possible the great Allied victory over the Axis powers.

This is the story told by dispatchers received from London today by the Aviation News Committee of the American Chamber of Commerce, which reported that pilots of the Royal Air Force were high in praise of the speed, range, maneuverability and striking power of the American-made warplanes they were flying against the Axis powers over the great battle front in the North Atlantic.

Orders for the planes were placed early in the war by the British government, and American aircraft manufacturers began producing them under the lend-lease agreement. American aircraft manufacturers have completed more than 30,000 such planes for the Royal Air Force this past year, and will begin delivering another 30,000 next year.

Even Painting Is Speeded Nowadays

Conveyors Cut Time in Engine Factory

The need for speed and accuracy in the manufacture and testing of engine components is being met by the introduction of new painting and testing methods at the General Electric Co. in Paterson, N. J.

These methods include the use of conveyor belts, which pick up the parts and carry them through a process of washing, painting and testing, all with the minimum of waste of time and effort.

According to the company, the introduction of these methods has resulted in a savings of time and labor, as well as a marked increase in the quality of the painted parts.

AERONAUTICS

Air Scouts Have Different Jobs

You can see any airplanes at the airport that will entertain you and observe the different jobs that are performed by the men and women who keep our airways safe.

Not only are there the pilots and navigators, but there are also the mechanics, who keep the engines running, and the radio operators, who keep in touch with traffic controllers.

New Nest for U. S. Coast Guard

Know America's Aircraft

Lockheed Hudson

Here are some of the newest planes in America - the Lockheed Hudson.

These planes are designed for use in the Merchant Marine, where they will transport cargo and passengers.

They are also being used by the U. S. Air Force in the Pacific and in other parts of the world, where they are providing valuable service.

Sub-Contracting Speeds Work on U. S. Bombers

A Consolidated Catalina bomber for the U. S. Navy is shown in this photograph, which was taken at the Consolidated plant in North Hollywood, Calif.

The Catalina is a twin-engine bomber, and is being built in large numbers for the Navy.

PRIZES FOR FLYING

Weather is "Made to Order" in Laboratory

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Cold, Heat, Rain, or Fog Created to Test Instruments

One of the most interesting phases of weather research is the study of the effects of weather on instruments.

This research is conducted in a laboratory, where conditions can be controlled to simulate various weather conditions.

PLANE FACTS:

1000 Planes in Army Maneuvers

Approximately 1900 American-built warplanes have already been ordered by the U. S. Army and are expected to be delivered to the American forces in the next few months.

The planes are being used in training exercises and maneuvers, and are expected to play a major role in the American war effort.

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