Night Lights of Aircraft Plants

SHOW 'AROUND-THE-CLOCK' ACTIVITY
From Coast to Coast, Factories Working Three Stages to Hasten Defense Production

When nightfall advances across the broad plains, bright factory lights testify that the aircraft manufacturing industry is working around the clock to meet the needs of the armed forces. Men, women, and children, their eyes fixed on the objectives, are working behind these lights in order to contribute more fully to the war effort.

QUICK FACTS:
Navy Will Triple Air Force Now

Flash in the Pacific Sea.

The nation's attention was on America's naval power as the U.S. Navy announced that a fleet of air defense ships had been deployed to protect the fleet of islands in the Pacific. The deployment is part of the nation's efforts to safeguard against Japanese air attacks.

Launched in late August, the fleet of four destroyers and three cruisers includes the USS Shasta, USS Chicago, USS Portland, and USS Pensacola. The fleet is stationed near the Gilbert Islands to prevent any Japanese invasion.

The fleet consists of the following vessels:
- USS Shasta: A 36,000-ton fleet oiler
- USS Chicago: A 26,000-ton cruiser
- USS Portland: A 22,000-ton cruiser
- USS Pensacola: A 20,000-ton cruiser

The fleet will remain in the area for at least two months to ensure the safety of the islands.

New Types of Military Aircraft
High Performance Models Developed for Defense Production

LOS ANGELES

—New types of military aircraft developed by American engineers and now being produced for national defense needs are beginning to create an illusion with their capabilities. These new machines are showing a marked increase in altitude, range, and armament.

The new planes are being designed by engineers of the Bell Airplane Company, Long Beach, and the Grumman Aircraft Corporation, Bethpage, L.I. Both of these companies are producing high-performance fighters for the U.S. Navy and the Army.

The new planes are designed to meet the requirements of the Navy and the Army for high-speed, long-range fighters. They are equipped with advanced engines, improved armament, and increased armor protection.

The new planes are now being tested in the field and are expected to enter service shortly.

Steady Progress in Aircraft Industry

AIRCRAFT INDUSTRY MEETS WAR'S CHALLENGE
AIRCRAFT ENGINES ON PRODUCTION LINE
U. S. PLANE EFFICIENCY
Advanced Since 1938

Manufacturers Develop New Models that Fly Faster, Higher and Farther than Ever Before

NEW YORK—In a speed-measuring field of research, the U.S. aircraft industry has made steady progress in meeting the challenge of war. As a result of this progress, the efficiency of U.S. aircraft has been increased by about 50 percent in the last 16 months.

Efficiency advanced here is in the weight per gallon of fuel. The new designs have reduced the weight per gallon of fuel by 33 percent. The result has been a marked improvement in efficiency of American aircraft engines.

The efficiency of American engines has been increased by about 33 percent since the war began. This improvement is due to the higher quality of fuel, the more efficient engines, and the use of lighter materials.

In addition to the efficiency increase, the performance of American aircraft engines has improved. The new engines are capable of producing more power at higher altitudes, and they are more reliable than ever before.

In conclusion, the U.S. aircraft industry has made steady progress in meeting the challenge of war. The efficiency of American aircraft engines has increased, and the performance of American aircraft engines has improved. The industry is continuing to work on new models that will fly faster, higher and farther than ever before.

AEROQUIZ

Try to Name Most Potent Air Tool

Through the medium of this fascinating question and answer contest, readers will find it easy and interesting to familiarize themselves with many flying tools.

A. What is the world's most potent air tool?—Airplane

B. What is the source of power for an aircraft?—Engine

C. What is the name of the largest aircraft in the world?—Jumbo Jet

D. What is the name of the smallest aircraft in the world?—Microplane

E. What is the name of the fastest aircraft in the world?—Supersonic Jet

F. What is the name of the aircraft that can fly the highest?—High Altitude Plane

G. What is the name of the aircraft that can fly the lowest?—Low Altitude Plane

H. What is the name of the aircraft that can fly the farthest?—Long Range Plane

I. What is the name of the aircraft that can fly the fastest?—Jet Plane

J. What is the name of the aircraft that can fly the highest and the fastest?—Supersonic Jet

Business Recovery Aided by Aviation

Due in part to unified orders and contracts, American aviation has played a major role in the nation's recovery from the Great Depression. The industry has provided employment for millions of workers and has contributed to the nation's economic growth.

In addition, aviation has played a vital role in the nation's defense. The industry has developed new technologies and produced new aircraft to meet the needs of the military.

The aviation industry continues to play a vital role in the nation's economy. It provides employment for millions of workers and contributes to the nation's economic growth. It is also a key component of the nation's defense.

The aviation industry is expected to continue to play a vital role in the nation's economy and defense in the years to come.

See the complete text of the Aviation News for more information.