Airplanes and Air Transport of Popular Science

Experts Differ on Position of Wings

By WAYNE THOMAS

The highflying formula, a Fokker monoplane with four motors, built for the Royal Dutch Aitline. What could the designer do with the landing speed?

A. The climbing 3470 d. Four of the American low-wing type. This sky, which weighs 13,000 pounds fully loaded, can be replaced by similar planes weighing up to 40,000 pounds.

The high-speed wing on the American low-wing type is a great advantage, but it is not so important as the climb speed, which is the rate at which the plane can gain altitude. A high-speed wing is designed to reduce the drag at high speeds, but it is not effective at low speeds.

In this situation the conflict of interests and the design of the wing itself. It is necessary to have a wing that can provide both a high-speed and a low-speed performance.

Two additional sizes of engines are needed for high-speed and low-speed performance. The high-speed wing is designed to provide a high-speed performance, but it cannot be used at low speeds, and vice versa.

The type of engines suitable for a low-speed performance is a small, low-powered engine, which can provide more thrust and less drag. The high-speed wing is designed to provide a high-speed performance, but it cannot be used at low speeds, and vice versa.

In this situation the conflict of interests and the design of the wing itself. It is necessary to have a wing that can provide both a high-speed and a low-speed performance.

Two additional sizes of engines are needed for high-speed and low-speed performance. The high-speed wing is designed to provide a high-speed performance, but it cannot be used at low speeds, and vice versa.

The type of engines suitable for a low-speed performance is a small, low-powered engine, which can provide more thrust and less drag.