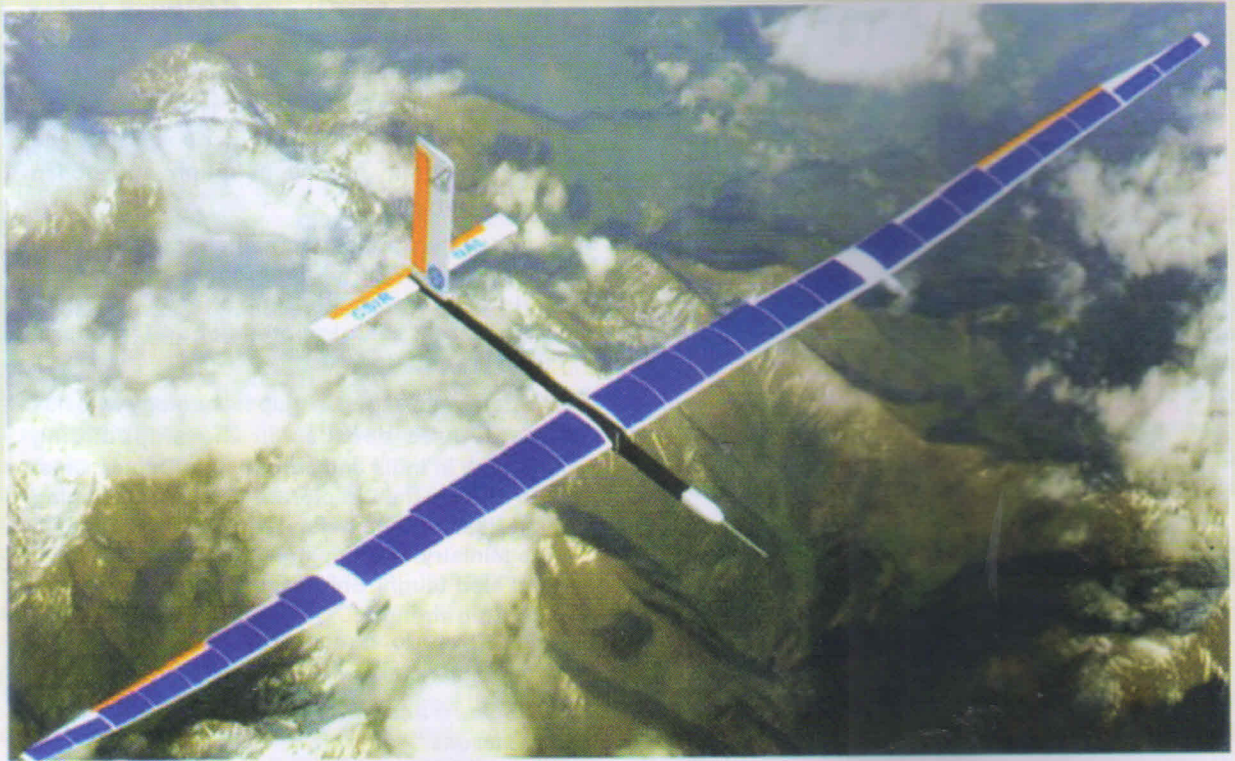


High Altitude Platform Vehicle Redefines Aerial Surveillance



IN the realm of aerospace innovation, CSIR's National Aerospace Laboratories (NAL), based in Bengaluru, has unveiled a remarkable deep technology innovation known as the High Altitude Platform (HAP) vehicle. This groundbreaking creation, a solar-powered Unmanned Aerial Vehicle (UAV) beyond Visual Line of Sight operation capability, is poised to be a game-changer and serve as a pseudo satellite.

High-Altitude Pseudo Satellites (HAPS), when equipped with a payload, hold immense potential across a spectrum of civilian and military applications. From maritime and land surveillance to response to disasters, environmental monitoring, and border control, the versatility of HAPs transcends traditional boundaries. These aerial platforms also play a vital role in intelligent transportation systems,