

1. <b>aerodynamics</b>	the branch of science that deals with the motion of bodies is relative to the atmosphere surrounding them	15. <b>duralumin</b>	the trade name of an aluminium alloy containing varying degree's of copper, manganese and magnesium
2. <b>airfoil</b>	aerodynamic surfaces designed to obtain lift from the air through which they move	16. <b>dynamic pressure</b>	speed of a body relative to the surrounding air
3. <b>airspeed</b>	the speed of an aircraft relative to the surrounding atmosphere	17. <b>elevator</b>	a hinged section of the horizontal stabiliser adding or subtracting lift from the tail
4. <b>altimeter</b>	an instrument which senses changing air pressure in order to measure altitude	18. <b>empennage</b>	the tail assembly of an aircraft, including stabilising and control surfaces
5. <b>angle of attack</b>	the angle an aircraft's wings and body make relative to its flight path	19. <b>fibre</b>	a slender thread of a natural or synthetic material, such as optical or carbon fibres
6. <b>anodising</b>	coating metal (mostly aluminium) with a protective oxide layer by an electrolytic process in which the metal forms the anode; the coating may be coloured by dye	20. <b>fuselage</b>	main structural part of the aircraft to which the wings and tail section are attached
7. <b>Bernoulli's principle</b>	this is an explanation of the relationship between a fluid's kinetic energy (movement) and its potential energy (pressure); it states that any increase in a fluid's speed will also be accompanied by a corresponding reduction in pressure		
8. <b>camber</b>	the amount of curve on the outer surface of an airfoil section		
9. <b>chord</b>	the imaginary line drawn through the cross-section of an airfoil that joins the centre of the leading edge to the trailing edge		
10. <b>composites</b>	these are multi-phase materials formed from a combination of materials which differ in composition or form; remaining bonded together, these individual components of composites combine to improve upon the original properties of the component materials; composites include fibrous, laminar and particulate materials or combinations of any of the above		
11. <b>corrosion</b>	corrosion is the chemical or electrochemical reaction leading to the gradual deterioration of a material and its properties; in aviation, pitting, crevice and stress cracking corrosion are the most pervasive		
12. <b>creep</b>	the slow permanent deformation of a material when subjected to stresses over an extended period of time		
13. <b>digital pre-assembly</b>	a term coined by the Boeing corporation for the virtual assembly and testing of parts before proceeding to manufacturing		
14. <b>drag</b>	the resistive force a body has to motion through the air		