

Schedule 4 Aeronautical knowledge units

Appendix 1 Any RPA — Common units

Unit 1 RBAK — Basic aviation knowledge for RPAS

Item	Aeronautical knowledge topics	Priority
1	<i>Direction of flight and wind</i> (a) expressing direction of flight: (i) as a 3-figure group; (ii) in the clock code; (iii) as cardinal and ordinal compass points; (b) difference between aircraft heading and track; (c) wind velocity; (d) the relationship between true and magnetic heading.	A
2	<i>Time</i> (a) time as a 4, 6 and 8-figure group; (b) UTC; (c) converting local and standard time to and from UTC.	B
3	<i>Units of measurement for aeronautics</i> (a) differences between height, altitude and elevation; (b) units of measurement for: (i) horizontal distance; (ii) vertical distance; (iii) speeds; (iv) visibility; (v) temperature; (vi) atmospheric pressure; (vii) weight; (c) converting between different units of measurement.	A
4	<i>Energy</i> Aircraft energy, including: (a) potential energy; (b) kinetic energy; (c) inertia.	B
5	<i>Aerodynamics, weight and balance</i> (a) terminology: (i) aerofoil, angle of attack and relative airflow; (ii) centre of pressure and centre of gravity; (iii) lift, weight, thrust and drag;	A