

Aviation Skills

To gain this badge the Explorer Scout must complete all of the following requirements.

- 1** Know the rules relating to access to airfields and flying as laid down in Policy, Organisation and Rules. Draw a map or make a model of an airfield naming the different areas.
- 2** List the main types of aircraft and identify the parts of an aeroplane. Explain how the control surfaces work and are controlled.
- 3** Identify 12 aircraft in common use today either from pictures or in flight. This must include at least two civil commercial aircraft, two military aircraft and two private light aircraft.
- 4** Know the types of air maps and the conventional signs used on them.
- 5** Explain how wind speed and direction are measured and how weather can affect various air activities. Demonstrate how to get a local forecast for an air activity.

- 6** Recite the phonetic alphabet and explain why it is used.
- 7** Take part in an air experience flight and point out on an air map the features that are over-flown. The flight can take place in any aircraft, including powered aircraft, glider, balloon or airship.
- 8** From the list of training activities complete a further six items from at least four different sections.

