

# Resource Material for Aviation Badges



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0845 300 1818

## Introduction

This is the first edition of the factsheet, which will list some of the sources of information available to Leaders and Scouts studying any of the Aviation Badges in the Proficiency Badge book.

It is intended that this material will be revised on a regular basis. The publication of future editions will be notified in Scouting Magazine, Talking Points and the Activities Newsletter.

## General

Many Scouts (and Leaders) involved in air activities, will need from time to time, information on technical matters to complete parts of the badges. The Scout Information Centre produces a series of factsheets (FS 1207--) which provide advice on air activities in general; the issue of detailed technical information is a different matter.

Reliable and up-to-date information is essential, and a major source of such material is that produced by aeronautical agencies in book form and on web sites. The following sources are suggested as a basis for the task.

## British Hang Gliding and Parachuting Assoc. Ltd

The Old Schoolroom

Loughborough Rd

Leicester LE4 5PJ

(0116 2611322)

[www.bhpa.co.uk](http://www.bhpa.co.uk)

Producing a monthly magazine and education material. Information and techniques.

## British Parachute Association

5 Wharf Way

Glen Parva

Leicester. LE2 9TF

(0116 2785271)

[www.britishparachuteassociation.co.uk](http://www.britishparachuteassociation.co.uk)

email: [skydive@bpa.org.uk](mailto:skydive@bpa.org.uk)

Official body for sport parachuting in the UK.

Monthly magazine. Information on Club sites and training facilities.

## British Model Flying Association

Chacksfield House

31 St Andrew's Rd.

Leicester. LE2 8RE

(0116 2440028)

[www.bmfa.org](http://www.bmfa.org)

email: [admin@bmfa.org](mailto:admin@bmfa.org)

Delegated by the RaeC to be responsible for all aspects of model flying in the UK. A programme of modelling education within the National Curriculum.

Material (kits) to develop skills and insight into the technology and science of flight.

## The Scout Information Centre

Gilwell Park Chingford London E4 7QW Tel + 44 (0)20 8433 7100 Fax + 44 (0)20 8433 7103 email [info.centre@scout.org.uk](mailto:info.centre@scout.org.uk) [www.scoutbase.org.uk](http://www.scoutbase.org.uk)

## **British Gliding Association**

Kimberley House  
Vaughan Way  
Leicester LE1 4SE  
(0116 2531051)

[www.gliding.co.uk](http://www.gliding.co.uk)

email: [bga@gliding.co.uk](mailto:bga@gliding.co.uk)

Governing body for gliding within the UK. Register of sites and Clubs.

## **Civil Aviation Authority**

45-59 Kingsway  
London  
WC2B 6TE  
(020 7379 7311)

[www.caa.co.uk](http://www.caa.co.uk)

Government body responsible for the Regulation of civil aviation within the UK.

Publication Office for aviation booklets which cover many items in the Scout Badge book. e.g. aerodrome signals and marshalling. "General Aviation Safety Sense".

## **Popular Flying Association Ltd**

Terminal Building  
Shoreham Airport  
West Sussex  
BN43 5PF  
(01273 461616)

[www.pfa.org.uk](http://www.pfa.org.uk)

email: [office@pfa.org.uk](mailto:office@pfa.org.uk)

Representative body in the UK for amateur aircraft construction, recreational and sport flying.

Local "Struts" offer opportunities for flights and ground handling experience.

## **Royal Institute of Navigation**

1 Kensington Gore  
London  
SW7 2AT  
(0171 591 3130)

[www.rin.org.uk](http://www.rin.org.uk)

email: [rindir@atlas.co.uk](mailto:rindir@atlas.co.uk)

Sponsored by the Royal Geographical Society to promote the knowledge and practice of navigation. Suitable for National Curriculum. Annual competition for juniors.

## **Royal Aeronautical Club**

Address and telephone as for **British Gliding Association (BGA)**

[www.royalaeroclub.org](http://www.royalaeroclub.org)

email: [secretary@royalaeroclub.org](mailto:secretary@royalaeroclub.org)

National co-ordinating for Air Sport in the UK. The RaeC Trust is a charity to provide resources for youth involvement in aviation.

Supports the work of BMFA and the PFA. Sponsors annual "Young Artists" competition.

## **Meteorological Office**

London Road  
Bracknell  
Berkshire  
RG12 2SZ  
(0845 300 0300)

[www.met-office.gov.uk](http://www.met-office.gov.uk)

email: [enquiries@metoffice.com](mailto:enquiries@metoffice.com)

Weather forecast and reporting centre for the UK. Education section; charts and instructional publications.

### **British Microlight Aircraft Association**

The Bullring  
Deddington  
Banbury. Oxon.  
OX15 0TT  
(01869 338888)

[www.bmaa.org](http://www.bmaa.org)

Official body for the sport in the UK

Technical and educational information. Sites and training directory.

### **Hovercraft Club of Gt. Britain**

St. Helens House  
23-31 Vittoria St.  
Birmingham  
B1 3ND

[www.hovercraft.org.uk](http://www.hovercraft.org.uk)

email: [info@hovercraft.co.uk](mailto:info@hovercraft.co.uk)

Formed to promote, encourage and control light hovercraft for sporting and recreational purposes in the UK.

Regional based. Educational and construction advice.

### **Aviation Skills Support Material**

Many factsheets, photos and other material supporting the requirements of the Scout Aviation Skills and other Air badges are available from the 2nd South Lambeth Scout Group.

2nd South Lambeth Scout Group

c/o Ian Piper

82 Mayall Road

London

SE24 0PJ

(020 8663 0796)

### **Scout Association Resource Material**

Available from the Scout Information Centre

Gilwell Park  
Chingford  
London E4 7QW  
(0845 300 1818)

[www.scoutbase.org.uk](http://www.scoutbase.org.uk)

email: [info.centre@scout.org.uk](mailto:info.centre@scout.org.uk)

Factsheets to cover authorisations and procedures for air activities.

Specialist Advisers for Gliding, Parascending, Powered flight, Ground training and Air Scouting (contact via Activities Department).

### **Specimen Websites**

[www.nasa.gov](http://www.nasa.gov) Space projects; educational section. Live broadcasts.

[www.airbus.com](http://www.airbus.com) Official site for the Airbus group. Posters and educational material.

[www.boeing.com](http://www.boeing.com) Boeing Airplane site. Aircraft and space projects.

[www.embraer.com](http://www.embraer.com) Official site for Embraer Aviation. Civil and military.

[www.transair.co.uk](http://www.transair.co.uk) Mail order group. Airband radios, flight guides, charts and materials.

Ian Allan "abc" series (Aviation)

Airline Liveries. (Gunter Endres)

Air Traffic Control. (Grahame Duke)

### **Other Books:**

Airline Tail Colours. (B.Hengi)

Flying The Big Jets. (S.Stewart)

This Factsheet cannot hope to cover the complete range of training and instructional material available for the task. Suffice to say at this point that most air-minded young people will have access to computer programmes which allow

them to “fly” large and small aircraft, gliders and parascenders in a variety of situations. Other web sites created by air groups, companies etc. contain a wealth of information, most with a section aimed at educating the curious of all ages.

Books and videos designed to the same end can be found to cover all items in the Aviation Skills Badge section. The magazine “Flight” is issued weekly, and provides up-to-date information on civil, military and space, and often includes colourful wallcharts and cutaways.

Aircraft model shops are another source of material and advice for the beginner, often working closely with local model flying clubs.