

The Air Pilot's **Manual**

## **Volume 2**

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# **Air Law** and **Meteorology**

*'Recommended reading'*

*Civil Aviation Authority*



**POOLEY'S**  
Air Pilot Publishing

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ISBN 978-1-84336-240-1

First edition published 1987

Second revised edition 1987

Third revised edition published 1993

Fourth revised edition published 1997

Fifth revised edition 1999

Sixth edition 2001

Seventh edition 2004

Eighth revised edition 2008

Ninth revised edition 2010

Tenth revised edition 2011

Eleventh revised edition 2013

Twelfth edition May 2014

Thirteenth edition Oct. 2015

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Origination by Pooleys–Air Pilot Publishing Limited

Printed in England by Portland Print, Kettering NN16 8UN

Published by Pooleys–Air Pilot Publishing Ltd

Elstree Aerodrome, Elstree, Hertfordshire, WD6 3AW. UK.

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## **Volume 2**

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# Editorial Team

## **Dorothy Saul-Pooley LLB (Hons) FRAeS**

Dorothy holds an ATPL (A) and a CPL (H), and is both an instructor and examiner on aeroplanes and an instructor on helicopters. She is Head of Training for a school dedicated to running Flight Instructor courses at Shoreham. She is also a CAA Flight Instructor Examiner. In addition, having qualified as a solicitor in 1982, Dorothy acted for many years as a consultant specialising in aviation and insurance liability issues, and has lectured widely on air law and insurance issues. This highly unusual combination of qualifications led to her appointment as Honorary Solicitor to the Guild of Air Pilots and Navigators (GAPAN). Dorothy is a Fellow of the Royal Aeronautical Society, first Chairman of the GAPAN Instructor Committee, and past Chairman of the Education & Training Committee. She has just completed her term of office as the Master for the year 2014-15 of the Honourable Company of Air Pilots (formerly GAPAN). She is also Chairman of the Professional Flying Instructors Association. In 2003 she was awarded the Jean Lennox Bird Trophy for her contribution to aviation and support of Women in Aviation and the BWPA (British Women Pilots Association). In 2013 Dorothy was awarded the prestigious Master Air Pilots Certificate by GAPAN. A regular contributor to seminars, conferences and aviation publications. Dorothy is the author and editor of a number of flying training books and has published articles in legal and insurance journals.

## **Helena Hughes**

On leaving university in 1989 Helena obtained a PPL in America, converting to UK licence on her return. Shortly afterwards she started work in Air Traffic Control at London Luton Airport, earning her controller's licence in 1990. During her time at Luton she was involved in controller training as both an instructor and assessor. Helena continues to be an operational Air Traffic Control Officer and is currently posted to Thames Radar. She holds a CPL/IR and has been a flying instructor since 1998, teaching PPL and associated ratings. She is a Ground and R/T examiner and has written both PPL and ATPL Radiotelephony Training Manuals.

## **Esther Law MA (Oxon) ARAeS**

Esther took up flying as a hobby in the 80s whilst working in the banking industry as a software developer and systems analyst, gaining her PPL in 1989. After several years in IT, she returned to full-time education and completed a Law degree at Oxford University in 2007. She subsequently worked as a legal editor, writing the Cayman Islands Law Reports and the Gibraltar Law Reports. In 2008, Esther finally decided to pursue flying as a career and completed the ATPL ground exams, followed by training for the CPL and Instructor Rating. She has worked as a flying instructor since 2009 and instructs for the PPL, CPL, IMC and Instrument Rating. Esther is a member of the Honourable Company of Air Pilots and the Royal Aeronautical Society.

## **Robert Seaman BSc MRI FRMetS**

Rob Seaman is Head of Policy Advice at the Met Office and was advisor to the United Kingdom Flight Safety Committee. His current work draws upon his previous role as a senior applied scientist which saw him work on weather related decision aids to increase the efficiency and effectiveness of the aviation sector. In 2008 he was part of the team winning the Met Office award for excellence for science and technology. Additionally, Rob is a qualified aviation meteorologist and has worked operationally within the UK, South Atlantic and Middle East. Rob studied Physics at Imperial College, which included atmospheric physics and aerial research, is an Associate of the Royal College of Science and Fellow of the Royal Meteorological Society. Rob learned to fly with the Royal Air Force cadets, gained a RAF flying scholarship and continued professional flight training (ATPL ground, CPL/IR) whilst training as a meteorologist. A Freeman of the Honourable Company of Air Pilots, he was awarded the Norman Motley Flight Instructor Scholarship in 2007 and now instructs part-time. Rob lectures on aviation meteorology, decision making and threat/error management at the Met Office College and seminars.

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# Acknowledgements

The Civil Aviation Authority, Captain R. W. K. Snell, Shaun McConnell, David Hockings, Helena Hughes, Geoffrey Farmiloe AFRIN, LLB (Hons), LLM, Daljeet Gill, Philip Odell and the many other instructors and students whose comments have helped to improve this manual.

## ***A Condensed History of the Air Pilot Manuals***

For over 25 years the Air Pilot Manuals have led the academic training of pilots in the United Kingdom and in many countries around the world.

I first met Trevor Thom, a professional pilot and natural teacher, in Melbourne during a visit to Australia in January 1985. He already had his series of PPL Manuals for the Australian market and I asked him to produce a series for the New Zealand market where we had a small aviation business. Having completed this task, Trevor immediately began writing the first of the Air Pilot Manuals for the United Kingdom market and this project began in earnest on 5th December 1985.

Both Trevor Thom and Robert Johnson commenced the task in my office at Feldon. By the end of the following year, all four volumes were complete and were published in February 1987. By the end of that year, we estimated that 95% of all the UK Flying Schools were using our manuals. Volumes 5, 6 and 7 followed, so completing the full series.

Unfortunately, Trevor Thom had a serious accident at home which prevented him from continuing with the editing of the manuals. His rights were eventually sold to David Robson, another experienced pilot and natural teacher, who progressively improved the drawings and brought colour into the manuals for the first time.

Over the years there have been many assistant editors, in particular Peter Godwin, whose help I first asked for in the very early days with Trevor Thom and which continued until quite recently. The rights in the Air Pilot Manuals are now vested with the Pooley family and they continue to be edited and published from our offices and the school at Shoreham Airport.

The Air Pilot Manuals have an outstanding reputation for accuracy and are continuously updated. They are recommended CAA reading material and are referred to extensively in the CAA examination answer booklet.

**Robert Pooley**  
CStJ FRIN FRAeS





## Preface to the Thirteenth Edition

Keeping up to date with legal changes is almost impossible, because the law is changing all the time. In this latest edition, we have expanded on the European regulations which are in a transitional period of implementation. We have included the European rules of the air where relevant. Please be aware that there are almost daily changes to some aspects of aviation law, so you must check the CAA website frequently.

To highlight the difference between UK CAA material and ICAO or EASA material, we use a lighter typeface for the ICAO material.

**NOTE** Please check our websites for updates and links to references mentioned in the text. Please refer to [www.pooleysapp.com](http://www.pooleysapp.com) and to the Pooleys websites: [www.pooleys.com](http://www.pooleys.com) and [www.pooleysfis.com](http://www.pooleysfis.com).



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