

The Air Pilot's **Manual**

Volume 6

Human Performance & Limitations and Operational Procedures

'Recommended reading'

Civil Aviation Authority



POOLEY'S
Air Pilot Publishing

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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 aviation insurance. 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, Past Chairman of the GAPAN Instructor Committee of which she was a founding member and the prime instigator of the Guild's Joint Forum with Central Flying School at RAF Cranwell for Senior Flying Instructors. She is a Past Chairman of the Education & Training Committee. After serving as a Warden on the Court of GAPAN for three years, she was appointed Master for the year 2014-2015 of the newly renamed Honourable Company of Air Pilots. She is also Chairman of the Professional Flying Instructors Association.

In 2003 Dorothy 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 received the prestigious award of a Master Air Pilots Certificate from GAPAN. In 2015 she was awarded the Brabazon Cup by the BWPA for her outstanding achievement in aviation. A regular contributor to seminars and conferences, Dorothy is the author and editor of a large number of flying training books and has published articles in legal and insurance journals and many in aviation magazines.

Gary Hutchinson

Gary caught the aviation 'bug' at an early age, since plane-spotting at London Gatwick as a boy. He has since held a variety of aviation roles, from airport check-in desks and passenger profiling to operational roles in air cargo involving Health and Safety improvements. He has also travelled extensively worldwide using his airline staff travel privileges.

After gaining a CPL (A) Multi IR, and operating local charters and calibration flights, he won a GAPAN Flight Instructor Scholarship and now instructs at Shoreham.

He studied Psychology at London University, including Ergonomics and Cockpit Resource Management (CRM). As a member of the British Psychological Society, GAPAN and the Air League, he has been published in Psychological journals and since then has sought to combine these interests into a career as a ‘Human Factors in Aviation’ specialist. His aim is to increase safety, quality and efficiency in aviation, primarily through reducing human error and improving decision making.

He loves flying and would ultimately like to be an airline training captain/Human Factors Psychologist.

On a lighter note, he dreams of one day flying a P 51 Mustang, but at 6’10” fears his height may preclude this!

Jenny Dodman

Jenny inherited her passion for aviation from her father and spent many happy hours as a child either at the airfield or sitting in a light aircraft. She then went on to learn to fly with the help of scholarship awards from the Swire Charitable Trust and British Women Pilots Association. On graduating from medical school and completing junior medical training, Jenny undertook specialist training in Occupational Medicine through an NHS and National Institute for Health Research funded joint clinical and academic role within the NHS and at The University of Manchester, where her research focused on safety critical occupations and assessing medical fitness. Jenny completed specialist training and training in aviation medicine and now works as a Consultant Occupational Physician and Aeromedical Examiner for British Airways, as well as an independent Aeromedical Examiner and Honorary Lecturer within the Centre for Occupational and Environmental Medicine at The University of Manchester. Her spare time is spent with family, friends and dogs; usually still centred around the airfield!

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A Condensed History of the Air Pilot Manuals

For over 30 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. At that time, 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

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