



Operational Procedures

Pooleys EASA PPL Ground School – To accompany the Air Pilot's Manual, Vol. 6.

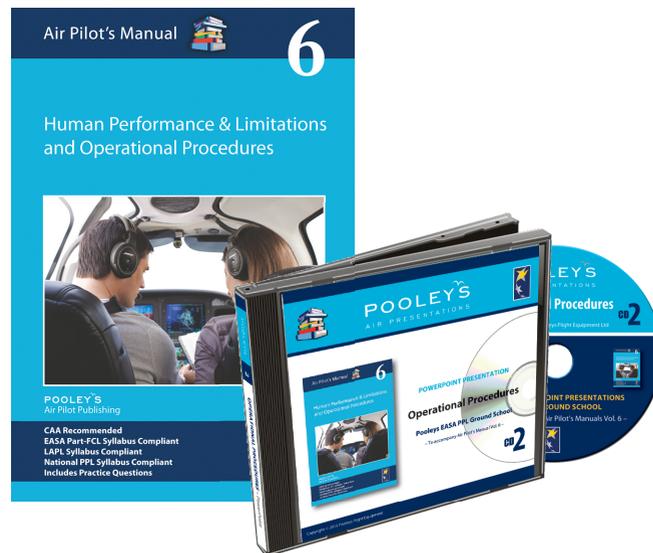


POOLEY'S

Pilot's Work Book

Pooleys EASA PPL Ground School

– To accompany the Air Pilot's Manuals –



Pooleys Flight Equipment Ltd | Elstree Aerodrome | Hertfordshire | WD6 3AW
 Tel: **+44(0)20 8953 4870** | Fax: **+44(0)20 8953 2512**
 Email: **sales@pooleys.com** | Website: **www.pooleys.com**

Nothing procedures and any in this manual supersedes any EU legislation, rules or EASA regulations or operational documents issued by The Stationery Office, the Civil Aviation Authority, National Aviation Authorities, the manufacturers of aircraft, engines and systems, or by the operators of aircraft throughout the world. Note that as maps and charts are changed regularly, those extracts reproduced in this presentation must not be used for flight planning or flight operations.



Operational Procedures

Pooleys EASA PPL Ground School – To accompany the Air Pilot's Manual, Vol. 6.



Nothing in this manual supersedes any legislation, rules, regulations or procedures contained in any operational document issued by Her Majesty's Stationery Office, the Civil Aviation Authority, the European Union, the European Commission, EASA, ICAO, the manufacturers of aircraft, engines and systems, or by the operators of aircraft throughout the world.

Pooleys Air Presentations, Operational Procedures, Pilot's Work Book.

Copyright 2016 © Pooleys Flight Equipment Ltd

ISBN: 978-1-84336-230-2

First Edition June 2016

All rights reserved. No part of this publication may be reproduced in any material form (including photocopying or storing it in any medium by electronic means and whether or not transiently or incidentally to some of the use of this publication (without the written permissions of the copyright owner) except in accordance with the provisions of the Copyright, Designs and Patent Act 1988 or under the terms of a licence issued by the Copyright Licensing Agency Limited, 90 Tottenham Court Road, London, England W1P 0LP. Applications for the copyright owner's written permission to reproduce any part of this publication should be addressed to the publisher.

Warning: The doing of an unauthorised act in relation to a copyright work may result in both a civil claim for damages and criminal prosecution.

Pooleys Flight Equipment Ltd
Elstree Aerodrome
Hertfordshire
WD6 3AW
England, UK

Tel: 0208 953 4870

Fax: 0208 953 2512

Email: sales@pooleys.com

Website: www.pooleys.com



Editorial Team

Jonathan Shooter

Jonathan had his first trial lesson on his twelfth birthday before going on to gain his PPL with the help of an RAF flying scholarship. He went on to fly with the University Air Squadron before gaining airline sponsorship in conjunction with one of Europe's largest flying schools. He taught the PPL and associated ratings at Elstree aerodrome before gaining an internal promotion to teach the CPL and Instrument Rating at the commercial college at Cranfield aerodrome. In 2004 he was awarded a flying bursary from The Air League. After two years he joined his sponsoring airline and flew the Dash 8 Q400 throughout Europe. In 2005 he joined Europe's largest tour operator and flew the Boeing 757, 767, A320 & A321 both on short and long haul operations. He currently flies the 737NG and has over 7000 hrs with 1500 hrs instructional experience on commercial courses. He holds European, Canadian and American airline transport licences and is an authorised PPL examiner for both single and multi-engine aeroplanes.

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.

Presentation designed and edited by Daljeet Gill, BA (Hons).



Index

- | | | | |
|-----|----------------------------------------------|-----|-----------------------------------------------------------|
| 1. | Operation of Aircraft | 35. | Engine Fire – Fuel based fire |
| 2. | Declared Distances (1) | 36. | Fire in the Cabin and Cockpit |
| 3. | Declared Distances (2) | 37. | Fire Classification/
Halon Fire Extinguisher |
| 4. | International Flights (ICAO Annex 6) (1) | 38. | Smoke in the Cockpit and Cabin (1) |
| 5. | International Flights (ICAO Annex 6) (2) | 39. | Smoke in the Cockpit and Cabin (2) |
| 6. | Noise Abatement Procedures (1) | 40. | The Effect of Windshear (1) |
| 7. | Noise Certificate | 41. | The Effect of Windshear (2) |
| 8. | Noise Abatement Procedures (2) | 42. | The Effect of Windshear (3)/
Windshear Reversal Effect |
| 9. | Pooleys Flight Guide – Airfield Plates | 43. | Six Common Windshear Situations |
| 10. | Noise Abatement | 44. | Windshear Reversal Effect/
Crosswind Effect |
| 11. | Visual Aids | 45. | The Causes of Windshear |
| 12. | Aerodrome Signals & Markings | 46. | Wake Turbulence (1) |
| 13. | Helicopter Operations | 47. | Wake Turbulence (2) |
| 14. | Signals on paved runways and taxiways | 48. | Wake Turbulence (3) |
| 15. | Holding Point on paved taxiway | 49. | Avoiding Wake Turbulence (1) |
| 16. | Markers on unpaved manoeuvring areas | 50. | Avoiding Wake Turbulence (2) |
| 17. | Summary of Aerodrome Signals | 51. | Avoiding Wake Turbulence (3) |
| 18. | Light Signals (1) | 52. | Avoiding Wake Turbulence (4) |
| 19. | Light Signals (2) | 53. | Avoiding Wake Turbulence (5)/Jet Blast |
| 20. | Light Signals (3) | 54. | Helicopter Rotor Tip Vortices |
| 21. | Runway Incursions Hotspots | 55. | Emergency and Precautionary Landings |
| 22. | Holding Position | 56. | MAYDAY, MAYDAY. |
| 23. | Runway wigwags/guard lights/stop bars | 57. | PAN PAN, PAN PAN. |
| 24. | Typical runway taxi-holding positions | 58. | Transponder Codes |
| 25. | Situational Awareness (SA) | 59. | Passenger Information |
| 26. | Callsigns for Aircraft | 60. | Action after Landing |
| 27. | Taxi clearances/Conditional Clearance
(1) | 61. | Ditching in Water |
| 28. | Conditional Clearance (2) | 62. | Contaminated Runways (1) |
| 29. | Conditional Clearance (3) | 63. | Contaminated Runways (2) |
| 30. | Before lining up summary | 64. | Contaminated Runways (3) |
| 31. | Fire or Smoke | 65. | Contaminated Runways (4) |
| 32. | Fire in an Aircraft | | |
| 33. | Carburettor Fire | | |
| 34. | Engine Fire – Oil based fire | | |