

QUESTION BANK

Vol 2

JAR-FCL
Type Examples

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 Joint Aviation Authorities, ICAO, the manufacturers of aircraft, engines and systems, or by the operators of aircraft throughout the world.

Question Bank Volume 2

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QUESTION BANK

Vol 2

by Anthony Stevens

Aviation Law

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Preface

This book contains over 500 sample questions with answers for the JAR-FCL Type Example, Theoretical Knowledge exam papers and is supplemented by Volume 1 to cover the full syllabus.

The questions are based on the published learning objectives and are representative of the format and degree of difficulty that students will face in the actual exams and are designed to give as broad a coverage as possible of the different subjects. Furthermore, they have been written by an approved ground instructor using guidelines from the appropriate authorities.

The questions contained in this book will be updated at regular intervals to keep pace with any changes or additions to the JAR-FCL requirements.

The author and publisher of this book and its complimentary volumes wish all students good luck with their training process particularly at a time of significant change within the aviation industry.

Anthony Stevens

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Communications

NAVIGATION - PAPER 1

1. For a runway direction of 160(M) and a surface wind of 090(M)/40kt, the cross-wind component and direction of drift is:
 - (a) 38kt right
 - (b) 14kt right
 - (c) 21kt right
 - (d) 38kt left

2. An aircraft requires a minimum head wind component of 10kt and has a cross wind limit of 25kt. With runway 22 in use and surface wind direction of 270(M) what min and max wind speeds are acceptable?
 - (a) 10kts and 25kts
 - (b) 32kts and 16kts
 - (c) 6kts and 40kts
 - (d) 16kts and 32kts

3. An aircraft follows the 30S parallel of latitude. The route followed is a:
 - (a) Great Circle
 - (b) Minimum Time Route
 - (c) Rhumb Line
 - (d) Small circle

4. The Great Circle distance from A 4700N 3230W to B at 4700N 14730E is:
 - (a) 7366nm
 - (b) 5160nm
 - (c) 2580nm
 - (d) 7895nm

5. The Rhumb Line distance from A to B in question 4 is:
 - (a) 5160nm
 - (b) 7895nm
 - (c) 10800nm
 - (d) 7366nm

6. At the end of evening civil twilight on August 11th at 03500S 11630W, the Local Mean Time and local date at 01200N 09315E is:
 - (a) 0751 12th August
 - (b) 0138 12th August
 - (c) 0751 11th August
 - (d) 1925 11th August