Study and Reference Guide

Flight Engineer Licence

Aeroplane

Seventh Edition
May 2007
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GENERAL

KNOWLEDGE REQUIREMENTS
An applicant for a Flight Engineer Licence is expected to have mastered the various subjects included in this guide. The Flight Engineer should have a thorough technical knowledge of the theory or principles involved, and a practical knowledge of the applications of such principles to the operation of the aeroplane.

EXAMINATION RULES
CAR 400.02
(1) Except as authorized by an invigilator, no person shall, or shall attempt to, in respect of a written examination,
   a) copy or remove from any place all or any portion of the text of the examination;
   b) give to or accept from any person a copy of all or any portion of the text of the examination;
   c) give help to or accept help from any person during the examination;
   d) complete all or any portion of the examination on behalf of any other person; or
   e) use any aid or written material during the examination.

(2) A person who commits an act prohibited under subsection (1) fails the examination and may not take any other examination for a period of one year.

TIME LIMIT
Examinations, including all sections of a sectionalized examination, that are required for the issuance of a permit or licence or for the endorsement of a permit or licence with a rating shall be completed during the 24-month period immediately preceding the date of the application for the permit, licence or rating.

REWRITING OF EXAMINATIONS
CAR 400.04
(1) A person who fails an examination or a section of a sectionalized examination required for the issuance of a flight crew permit, licence, rating or foreign licence validation certificate is ineligible to rewrite the examination or the failed section for a period of
   a) in the case of a first failure, 14 days;
   b) in the case of a second failure, 30 days; and
   c) in the case of a third or subsequent failure, 30 days plus an additional 30 days for each failure in excess of two failures, up to a maximum of 180 days.

EXAMINATION FEEDBACK
Feedback statement on the results letter will inform the candidate where questions were answered incorrectly.

Example of Feedback Statement
Identify the atmospheric conditions favourable to thunderstorm formation.
EXAMINATIONS

The candidate is allowed 3½ hours to complete the examination and is required to obtain a pass mark of 60 percent.

<table>
<thead>
<tr>
<th>Examination</th>
<th>Questions</th>
<th>Time Limit</th>
<th>Pass Mark</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flight Engineer Licence – FLENG</td>
<td>80</td>
<td>3½ hours</td>
<td>60%</td>
</tr>
</tbody>
</table>
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TC AIM CANADA

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2 Canada Labour Code Part II –
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   126, 127 and 128)
3 Transportation of Dangerous Goods
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TRANSPORTATION SAFETY BOARD OF
CANADA (TSB) – A.I.M. GEN 3.0
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3 Crew Management / Small Group Dynamics
4 Operating Pressures
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   - Peer
   - Employer
RECOMMENDED STUDY MATERIAL

- Air Command Weather Manual (TP 9352E).
- Air Command Weather Manual (Supplement) (TP 9353E).
- Human Factors for Aviation - Basic Handbook (TP 12863E), and Advanced Handbook (TP 12864E).
- When in Doubt ... Aircraft Critical Surface Contamination Training (TP 10643E)
- Transport Canada Aeronautical Information Manual (TC AIM) (TP 14371E)
- Canadian Aviation Regulations (CARs)


Information on the Transportation of Dangerous Goods is available from Transport Canada.

Air Transportation Licence information is available from the Canadian Transportation Agency (internet address: (http://www.cta-otc.gc.ca/index_e.html)).

Customs Requirements is available from the Canada Customs and Revenue Agency (http://www.cbsa-asfc.gc.ca/menu-f.html).

Canada Labour Code is available from Social Development Canada (http://www.sdc.gc.ca/).

Information on text books and other publications produced by commercial publishers can be obtained through local flying training organizations, bookstores and similar sources.


ENQUIRIES

Information concerning the location of pilot training organizations and matters pertaining to flight crew licensing may be obtained by contacting the appropriate Regional Offices. A complete listing may be found at:

http://www.tc.gc.ca/CivilAviation/General/Exams/Centres.htm