

CBT Systems Ltd Knowledge Deficiency Report (KDR) Policy

21 April 2021

NZCAA AC61-3

“An examination knowledge deficiency report (KDR) is a report issued on completion of a written examination that details areas where questions were answered incorrectly. The applicant for a private pilot licence flight test must provide the flight examiner with written examination KDRs and evidence of knowledge improvement in accordance with rule 61.21(a)(5). These KDRs, with content acknowledged against the relevant rule reference(s), must be certified prior to the flight test by a Category A or B flight instructor that the applicant has been examined in these areas and their knowledge has improved. The flight examiner conducting the flight test will test the applicant’s knowledge of the written examination subject areas including but not limited to items included in the KDRs. The private pilot licence written examinations are based on the syllabuses detailed in Appendix II of this advisory circular. All applicants are required to hold an approved English Language Proficiency credit, this credit will be required to at least Level 4.”

CBT Systems on-line learning programs provides students with the ideal platform for subject revision where KDR’s have been identified. CBT Systems provides sufficient time (at least 2 weeks) at the completion of the Aspeq examinations for students to review the relevant CBT Systems material (CBT on-line Programs). In addition, Student Reference Manuals are provided for each subject to allow students to review subject matter indefinitely.

Practical application of KDR’s

1. The student sits the Aspeq examination.
2. KDR’s are provided by Aspeq for any incorrect questions.

For all students requiring NCEA Credit points

3. The student reviews the Current Rule Advisory Circular (AC) 61-3 (found in the Syllabus Section of the CBT Systems Website) and completes the appropriate CBT Systems online study module, and then reviews the Student Reference Manual.
4. Aerospace students are required to complete the KDR’s for subjects either passed or failed and return them to CBT Systems: cbtssystemsexams@gmail.com. For failed subjects the KDR process will need to be completed before the student can progress to the next subject. Casual students can elect to either take their KDR Responses to their Aeroclub or Flight Training School Instructor for approval, or submit them to CBT Systems for approval.
5. A CBT Systems Instructor will determine the validity of the students KDR Response and may require the student rewrite or restudy the course material before the KDR is ‘signed off’ by a CBT Systems ‘A’ or ‘B’ Category Instructor.
6. An example of a KDR Review by a student is provided on the next page along with the required format in Microsoft word Format. For Example, the following information is derived from the Student Reference Manual but condensed into a concise paragraph to reflect the wording of the NZCAA Syllabus Reference number:

Student Name:
Examination Date:
Date KDR completed:

Subject: PPL Meteorology

KDR 8.10.10

State the approximate pressure lapse rate in the atmosphere below 10,000ft.

Explanation:

The standard International Standard atmosphere (ISA) pressure value at sea level is 1013.2 hectopascals. The average pressure lapse rate (pressure reduction with an increase in altitude) in the lower atmosphere is 1hPa per 27ft. For general use the Pressure lapse rate is round up to 30 feet/ 1 hPa).

Note: This explanation clearly demonstrates that the student understands the Pressure Lapse Rate. The more comprehensive the explanation the better, but it must be kept clear and concise (1 paragraph where possible).

For all students intending to obtain a Private Pilot Licence

7. The Flight-Testing Officer (for PPL Issue) will also review the KDR's of the written examination subject areas including but not limited to items included in the KDRs. This means that not only 'anything you write – you own' but that you must have a good knowledge base of the entire Private Pilot Licence Theory Syllabus.

Note: It is recommended that the process (1-4) is completed as soon as possible after the Aspeq Exam.