

**PILOT KNOWLEDGE TEST GUIDE
FOR CONVERTING TRANSPORT CANADA
CIVIL AVIATION PILOT LICENSES
TO FEDERAL AVIATION ADMINISTRATION
PILOT CERTIFICATES**

December 2006



**U.S. Department of Transportation
Federal Aviation Administration**

**PILOT KNOWLEDGE TEST GUIDE
FOR CONVERTING TRANSPORT CANADA
CIVIL AVIATION PILOT LICENSES
TO FEDERAL AVIATION ADMINISTRATION
PILOT CERTIFICATES**

2006

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
Flight Standards Service

TABLE OF CONTENTS

Knowledge Test Eligibility Requirements	1
Knowledge Areas on the Tests	1
Aeronautical Knowledge Areas	1
Descriptions of the Tests	2
Process for Taking a Knowledge Test.....	2
Use of Test Aids and Materials	4
Dyslexic Testing Procedures.....	5
Cheating or Other Unauthorized Conduct	5
Airman Knowledge Test Reports.....	5
Retesting Procedures	5
TCCA to FAA Pilot Certificate and Rating(s) Conversion Eligibility Requirements.....	6
Obtaining Training and Testing Publications and General Information	6

PREFACE

FAA-G-8082-2, Pilot Knowledge Test Guide for Converting Transport Canada Civil Aviation (TCCA) Airplane Pilot Licenses to Federal Aviation Administration (FAA) Airplane Pilot Certificates offers information for preparing you to take the following knowledge tests:

- Airline Transport Pilot Conversion Procedure (ACP)
- Commercial Pilot Conversion Procedure (CCP)
- Private Pilot Conversion Procedure (PCP)
- Instrument Rating Conversion Procedure (ICP)

FAA airman knowledge tests are a very effective instrument for aviation safety and regulation compliance. However, these tests can only sample the vast amount of knowledge every pilot needs to operate safely in the National Airspace System (NAS).

Comments regarding this guide should be sent to the Federal Aviation Administration, Airman Testing Standards Branch, AFS-630, P.O. Box 25082, Oklahoma City, OK 73125. Comments may also be e-mailed to AFS630Comments@faa.gov.

KNOWLEDGE TEST ELIGIBILITY REQUIREMENTS

To be eligible to take the knowledge test, you must:

1. Submit a Verification of Authenticity request form to the FAA Airmen Certification Branch, AFS-760, requesting TCCA verify the validity and currency of your Canadian pilot license and medical certificate, or endorsement in accordance with Advisory Circular (AC) 61-135, Conversion Procedures and Processes for FAA Pilot Certificates and TCCA Pilot Licenses;
2. Receive written notification from the FAA Airmen Certification Branch, AFS-760, acknowledging verification of the information in the application by TCCA; and
3. Present proper identification and verification at the time of the examination that contains your—
 - a. photograph;
 - b. signature;
 - c. date of birth, which shows you meet the age requirements for the certificate sought;
 - d. actual residential address, if different from your mailing address; and
 - e. written notification from the FAA Airmen Certification Branch, AFS-760, acknowledging verification of the TCCA pilot license at the same level for which the certificate knowledge test is to be taken.

KNOWLEDGE AREAS ON THE TESTS

The TCCA pilot conversion tests are not comprehensive because they test only your knowledge and subject areas which may prove different from TCCA license knowledge requirements. You should review the appropriate knowledge areas listed below, pertinent to the certificate sought.

AERONAUTICAL KNOWLEDGE AREAS

Private Pilot

Air law and communications, containing specific United States requirements relating to:

- Rules and regulations relevant to the holder of a private pilot certificate;
- Rules of the air/airspace; and
- Appropriate air traffic services practices, communications, emergency procedures.

Reference materials:

- 14 CFR parts 1, 43, 61, and 91;
- 49 CFR part 830;
- U.S. Aeronautical Information Manual;
- FAA-H-8083-3, Airplane Flying Handbook; and
- FAA-H-8083-25, Pilot's Handbook of Aeronautical Knowledge.

Commercial Pilot

Air law and communications, containing specific United States requirements relating to:

- Rules and regulations relevant to the holder of a commercial pilot certificate;
- Rules of the air/airspace; and
- Appropriate air traffic services practices/communications.

Reference materials:

- 14 CFR parts 1, 61, and 91;
- 49 CFR part 830;
- U.S. Aeronautical Information Manual; and
- FAA-H-8083-25, Pilot's Handbook of Aeronautical Knowledge.

Airline Transport Pilot

Air law and communications, containing specific United States requirements relating to:

- Rules and regulations relevant to the holder of an airline transport pilot certificate;
- Rules of the air/airspace; and
- Appropriate air traffic services practices/communications.

Reference materials:

- 14 CFR parts 1, 61, 71, 91, 119, 121, and 139;
- 49 CFR parts 172, 175, 830, and 1544;
- U.S. Aeronautical Information Manual; and
- FAA-H-8083-25, Pilot's Handbook of Aeronautical Knowledge.

Instrument Rating

Air law and communications, containing specific United States requirements relating to:

- Rules and regulations relevant to the holder of an instrument rating;
- Rules of the air/airspace; and
- Appropriate air traffic services practices/communications.

Reference materials:

- 14 CFR parts 61 and 91;
- 49 CFR part 830;
- U.S. Aeronautical Information Manual;
- U.S. Terminal Procedures;
- FAA-H-8083-15, Instrument Flying Handbook; and
- FAA-H-8083-25, Pilot's Handbook of Aeronautical Knowledge.

DESCRIPTIONS OF THE TESTS

All test questions are the objective, multiple-choice type. Each question can be answered by the selection of a single response. Each test question is independent of other questions; therefore, a correct response to one does not depend upon, or influence, the correct response to another. The minimum passing score is 70 percent.

Communication between individuals through the use of words is a complicated process. In addition to being an exercise in the application and use of aeronautical knowledge, a TCCA pilot conversion knowledge test is also an exercise in communication since it involves the use of written language. Since the tests involve written rather than spoken words, communication between the test writer and the person being tested may become a difficult matter if care is not exercised by both parties. Consequently, considerable effort is expended to write each question in a clear, precise manner. Make sure you carefully read the instructions given with each test, as well as the statements in each test item.

The following tests each contain 40 questions, and you are allowed 2.0 hours to complete each test.

- Private Pilot—Airplane Conversion from TCCA Private Pilot
- Commercial Pilot—Airplane Conversion from TCCA Commercial Pilot
- Airline Transport Pilot—Airplane Conversion from TCCA Airline Transport Pilot
- Instrument Rating—Foreign Pilot from TCCA Instrument Rating

PROCESS FOR TAKING A KNOWLEDGE TEST

The FAA has hundreds of computer testing centers available worldwide. These testing centers offer the full range of airman knowledge tests including military competence, instrument foreign pilot, and pilot examiner screening tests. A list of computer testing designees (CTDs) and phone numbers are provided in the section titled, Obtaining Training and Testing Publications and General Information.

The first step in taking a knowledge test is the registration process. You may either call the central 1-800 numbers or simply use the walk-in basis. If you choose to use the 1-800 number to register, you will need to select a testing center, schedule a test date, and make financial arrangements for test payment. You may register for tests several weeks in advance, and you may cancel your appointment according to the CTD's cancellation policy. If you do not follow the CTD's cancellation policies, you could be subject to a cancellation fee.

The next step in taking a knowledge test is providing proper identification. You should determine what knowledge test prerequisites are necessary before going to the computer testing center. Your local Flight Standards District Office (FSDO) can assist you with what documentation to take to the testing facility. Testing center personnel will not begin the test until your identification is verified. An endorsement from an authorized instructor is not required for TCCA conversion.

The following are acceptable forms of authorization and photo identification per FAA Order 8080.6, Conduct of Airman Knowledge Tests, Chapter 6, as amended.

- For U.S. citizens and resident aliens include, but are not limited to, driver licenses, government identification cards, passports, alien residency cards, and military identification cards.
- For non-U.S. citizens must include a passport, in addition to one or more of the following: drivers license, government identification card and/or military identification card.

In the event a retest is required the following documentation is required:

- Failed Airman Knowledge Test Report, passing Airman Knowledge Test Report, or expired Airman Knowledge Test Report (pass or fail), provided that you still have the original Airman Knowledge Test Report in your possession.

Before you take the actual test, you will have the option to take a sample test. The actual test is time limited; however, you should have sufficient time to complete and review your test.

When taking a test, keep the following points in mind:

- Answer each question in accordance with the latest regulations and guidance publications.
- Read each question carefully before looking at the possible answers. You should clearly understand the problem before attempting to solve it.
- After formulating an answer, determine which test answer corresponds with your answer. The answer chosen should completely resolve the problem.
- From the answer choices given, it may appear that there is more than one possible answer; however, there is only one answer that is correct and complete. The other answers are either incomplete, erroneous, or represent common misconceptions.
- If a certain question is difficult for you, it is best to mark it for review and proceed to the next question. After you answer the less difficult questions, return to those which you marked for review and answer them. The review procedure will be explained to you prior to starting the test. Although the computer should alert you to unanswered questions, make sure every question has an answer recorded. This procedure will enable you to use the available time to the maximum advantage.
- When solving a calculation problem, select the answer closest to your solution. The problems have been checked manually and with various types of calculators. If you have solved it correctly, your answer will be closer to the correct answer than any of the other choices.

Upon completion of the knowledge test, you will receive your Airman Knowledge Test Report (with the testing center's embossed seal) which reflects your score.

The Airman Knowledge Test Report lists the subject matter knowledge codes for questions answered incorrectly. The total number of subject matter knowledge codes shown on the Airman Knowledge Test Report is not necessarily an indication of the total number of questions answered incorrectly.

Appendix 1 of Advisory Circular (AC) 60-25, Subject Matter Knowledge Codes for Airman Knowledge Testing, contains the listings of reference materials and subject matter knowledge codes for airman knowledge testing. You should match the subject matter knowledge codes on your Airman Knowledge Test Report to the codes in AC 60-25 to review your areas of deficiency.

The listings of reference materials and subject matter knowledge codes have been prepared by the FAA to establish specific references for all knowledge standards. The listings contain reference materials to be used when preparing for all airman knowledge tests.

AC 60-25 can be downloaded from the FAA's web site. Refer to the section titled Obtaining Training and Testing Publications and General Information for instructions.

Should you require a duplicate Airman Knowledge Test Report due to loss or destruction of the original, send a signed request accompanied by a check or money order for \$1 payable to the FAA. Your request should be sent to the Federal Aviation Administration, Airmen Certification Branch, AFS-760, P.O. Box 25082, Oklahoma City, OK 73125.

USE OF TEST AIDS AND MATERIALS

You may use aids, reference materials, and test materials within the guidelines listed below, if actual test questions or answers are not revealed. All models of aviation-oriented calculators may be used, including small electronic calculators that perform only arithmetic functions (add, subtract, multiply, and divide). Simple programmable memories, which allow addition to, subtraction from, or retrieval of one number from the memory, are permissible. Also, simple functions, such as square root and percent keys are permissible.

The following guidelines apply.

1. You may use any reference materials provided with the test. In addition, you may use scales, straightedges, protractors, plotters, navigation computers, log sheets, holding pattern entry aids, and electronic or mechanical calculators that are directly related to the test.
2. Manufacturer's permanently inscribed instructions on the front and back of such aids, e.g., formulas, conversions, regulations, signals, weather data, holding pattern diagrams, frequencies, weight and balance formulas, and air traffic control procedures are permissible.
3. Testing centers may provide a calculator to you and/or deny use of your personal calculator based on the following limitations:
 - a. Prior to, and upon completion of the test, while in the presence of the proctor, you must actuate the ON/OFF switch and perform any other function that ensures erasure of any data stored in memory circuits.
 - b. The use of electronic calculators incorporating permanent or continuous type memory circuits without erasure capability is prohibited. The proctor may refuse the use of your calculator when unable to determine the calculator's erasure capability.
 - c. Printouts of data must be surrendered at the completion of the test if the calculator incorporates this design feature.
 - d. The use of magnetic cards, magnetic tapes, modules, computer chips, or any other device upon which pre-written programs or information related to the test can be stored and retrieved is prohibited.
 - e. You are not permitted to use any booklet or manual containing instructions related to use of test aids.
4. Dictionaries are not allowed in the testing area.
5. The proctor makes the final determination relating to test materials and personal possessions you may take into the testing area.

DYSLEXIC TESTING PROCEDURES

If you are a dyslexic applicant, you may request approval from the local Flight Standards District Office (FSDO) or International Field Office (IFO) to take an airman knowledge test using one of the three options listed in preferential order.

1. Option one. Use current testing facilities and procedures whenever possible.
2. Option two. You may use a Franklin Speaking Wordmaster® to facilitate the testing process. The Wordmaster® is a self-contained electronic thesaurus that audibly pronounces typed in words and presents them on a display screen. It has a built-in headphone jack for private listening. The headphone feature must be used during testing to avoid disturbing others.
3. Option three. If you do not choose to use the first or second option, you may request a proctor to assist in reading specific words or terms from the test questions and supplement material. In the interest of preventing compromise of the testing process, the proctor must be someone who is non-aviation oriented.

4. The proctor must provide reading assistance only, with no explanation of words or terms. When this option is requested, the FSDO or IFO inspector must contact the Airmen Testing Standards Branch (AFS-630) for assistance in selecting the test site and proctor.

Prior to approval of any option, the FSDO or IFO inspector must advise you of the regulatory certification requirement of being able to read, write, speak, and understand the English language.

CHEATING OR OTHER UNAUTHORIZED CONDUCT

Computer testing centers must follow strict security procedures to avoid test compromise. These procedures are established by the FAA and are covered in FAA Order 8080.6, Conduct of Airman Knowledge Tests. The FAA has directed testing centers to terminate a test at any time a test proctor suspects a cheating incident has occurred. An FAA investigation will then be conducted. If the investigation determines that cheating or unauthorized conduct has occurred, then any airman certificate or rating that you hold may be revoked, and you will be prohibited for 1 year from applying for or taking any test for a certificate or rating under 14 CFR part 61.

AIRMAN KNOWLEDGE TEST REPORTS

Airman Knowledge Test Reports are valid within the 24-calendar month period preceding the month you complete the practical test. In the case of conversion from a TCCA license to an FAA certificate, where no practical test is required, the Knowledge Test Reports are valid within the 24-calendar month period preceding the month you receive the certificate and ratings(s). You do not have to retake the knowledge test unless you fail to receive the certificate within the 24-calendar month period for which the Airman Knowledge Test Report remains valid.

RETESTING PROCEDURES

If you receive a grade lower than a 70 percent and wish to retest, you must present the following:

- failed Airman Knowledge Test Report; and
- a written endorsement from an authorized instructor certifying that additional instruction has been given, and the instructor finds you competent to pass the test in accordance with 14 CFR part 61, section 61.49.

If you decide to retake the test in anticipation of a better score, you may retake the test after 30 days from the date your last test was taken. The FAA will not allow you to retake a passed test before the 30-day period has lapsed. Prior to retesting, you must give your current Airman Knowledge Test Report to the test administrator. The last test taken will reflect the official score.

TCCA TO FAA PILOT CERTIFICATE AND RATING(S) CONVERSION ELIGIBILITY REQUIREMENTS

AC 61-135 contains the requirements and procedures, for converting TCCA airplane pilot licenses to FAA pilot certificates.

OBTAINING TRAINING AND TESTING PUBLICATIONS AND GENERAL INFORMATION

Most of the current Flight Standards Service airman training and testing publications can be obtained in electronic format from the FAA's web site:

<http://www.faa.gov>

The Airman Testing, Training, and Student Resources publications and general information can be found on the Education & Research tab of the FAA web site.

You will find the following links available.

- Advisory Circulars
- Airman Knowledge Test Questions
- Airman Knowledge Testing Centers
- Airman Knowledge Testing Supplements
- Airman Knowledge Testing Information
- Computer Testing Supplements
- Other Testing Information
- Practical Test Standards
- Test Statistics
- Training Handbooks
- Subject Matter Knowledge Codes Advisory Circular

Airman Knowledge Test Items

The airman knowledge test items contain the airman knowledge question banks representative of questions for airman knowledge tests and the corresponding subject matter knowledge codes, indicating specific references from which questions are developed.

The sample questions that are published on the web site are organized by content category and represent the types of questions included in the actual test banks. Practicing these questions will help you become familiar with similar questions on the airman knowledge tests. The knowledge test is not designed to intimidate any prospective airman; it is designed to measure understanding of the rules and regulations required to receive an FAA certificate.

The policy regarding public access to test questions is to continue publishing questions covering special emphasis areas regarding safety, such as aeronautical decision making, airspace, aircraft performance, operations/airworthiness regulations, weather services and reports, etc. However, we do not publish all test questions. Many questions in the test banks are parallel in content area or format and publishing same types of questions would not help the applicant in determining areas to study. Examples would include questions involving a process or calculation, such as weight and balance or performance questions using the same chart. Our intent in not publishing every question in the airman test bank is to respond to the public demand for proper evaluation of prospective airmen. It is our duty to respond to these issues and provide valid and reliable tests to make certain that qualified applicants meet the FAA airman knowledge testing standards.

Airman Knowledge Testing Sites

The airman knowledge testing sites contains a current listing of computer testing designees and computer testing centers, and the registration telephone numbers required when registering for a test.

The following is a list of the computer testing designees authorized to give FAA airman knowledge tests. This list should be helpful in case you choose to register for a test or simply want more information.

This information is current as of October 2006.

- Computer Assisted Testing Service (CATS)
1801 Murchison Drive, Suite 288
Burlingame, CA 94010

Applicant inquiry and test registration:
1-800-947-4228

From outside the U.S.: (650) 259-8550

- LaserGrade Computer Testing
16821 S.E. McGillivray, Suite 201
Vancouver, WA 98683

Applicant inquiry and test registration:
1-800-211-2753

From outside the U.S.: (360) 896-9111

Airman Knowledge Testing Supplements

The airman knowledge testing supplements contain the graphics, legends, and maps that are needed to successfully respond to certain knowledge test items. The supplements are available on the FAA web site.

Knowledge Test Guides

The knowledge test guides describe the knowledge testing policy and procedures for each certification area.

Other Computer Testing Information

Other computer testing information provides specific test information, such as test name, test code (three-digit test identifiers), number of questions, and the time (hours) allotted for each knowledge test. The test identifiers will assist you in selecting the proper test for the certification/rating being sought.

Practical Test Standards

The practical test standards outline the knowledge and skill requirements for each airman certificate and rating. The references listed in each task of the practical test standards indicate the specific publications used to develop the skill standards. The ability to issue immediate changes prior to publishing revised printed copies ensures the practical test standards are always accurate and usable. Current practical test standard books and a current listing of practical test standard changes are maintained on the web site under practical test standards.

Test Statistics

Test statistics for all airman knowledge tests are contained in a series of tables organized by year and subject area. Individual tables are provided for the following subject areas: test volume, pass rates, average test scores, countries, regions, and district offices.

Training Handbooks

The training handbooks are the basic information sources an airman applicant should refer to when preparing for the knowledge and practical tests for a specific certificate or rating.

A current listing of all available handbooks and instructions on how to purchase handbooks is maintained on the web site.

Subject Matter Knowledge Codes

Advisory Circular (AC) 60-25, Reference Materials and Subject Matter Knowledge Codes for Airman Knowledge Testing.

Appendix 1 of AC 60-25 contain the listings of reference materials and subject matter knowledge codes for airman knowledge testing.

The listings of reference materials and subject matter knowledge codes have been prepared by the Federal Aviation Administration (FAA) to establish specific references for all knowledge standards. The listings contain reference materials to be used when preparing for all airman knowledge tests. The subject matter knowledge codes should be referred to when reviewing areas of deficiency on airman knowledge test reports.