



# Advisory Circular

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**Subject:** Certification: Pilots and Flight and  
Ground Instructors

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**Initiated by:** AFS-800

This advisory circular (AC) provides guidance for pilots, flight instructors, ground instructors, and examiners on the certification standards, knowledge test procedures, and other requirements in Title 14 of the Code of Federal Regulations (14 CFR) part 61. This revision provides guidance for those persons seeking sport pilot certification.

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**1. PURPOSE.** This advisory circular (AC) provides guidance for pilots, flight instructors, ground instructors, and examiners on the certification standards, knowledge test procedures, and other requirements in Title 14 of the Code of Federal Regulations (14 CFR) part 61.

**2. CANCELLATION.** AC 61-65D, Certification: Pilots and Flight and Ground Instructors, dated September 20, 1999, is canceled.

**3. RELATED READING MATERIAL (CURRENT EDITIONS).**

**a.** AC 61-98, Currency and Additional Qualification Requirements for Certificated Pilots.

**b.** AC 61-107, Operations of Aircraft at Altitudes Above 25,000 Feet MSL and/or MACH Numbers ( $M_{MO}$ ) Greater Than .75.

**c.** FAA-G-8082-1, Airline Transport Pilot, Aircraft Dispatcher, and Flight Navigator Knowledge Test Guide.

**d.** FAA-G-8082-5, Commercial Pilot Knowledge Test Guide.

**e.** FAA-G-8082-7, Flight and Ground Instructor Knowledge Test Guide.

**f.** FAA-G-8082-13, Instrument Rating Knowledge Test Guide.

**g.** FAA-G-8082-17, Recreational Pilot and Private Pilot Knowledge Test Guide.

**h.** FAA Order 8710.3, Designated Pilot and Flight Engineer Examiner's Handbook.

**i.** FAA Order 8710.7, Sport Pilot Examiner's Handbook.

**j.** Part 61 quality assurance (Q&A) and part 141 Q&As are located on the Federal Aviation Administration (FAA) General Aviation and Commercial Division (AFS-800) home page at [http://www.faa.gov/about/office\\_org/headquarters\\_offices/avs/offices/afs/afs800/afs810/more/](http://www.faa.gov/about/office_org/headquarters_offices/avs/offices/afs/afs800/afs810/more/). These documents do not include information on sport pilots, flight instructors with a sport pilot rating, or private weight-shift-control or powered parachute ratings.

**k.** FAA Order 8080.6, Conduct of Airman Knowledge Tests.

**4. PILOT TRAINING AND TESTING.** Part 61 contains the aeronautical experience, certification requirements, responsibilities, privileges, and limitations for each grade of certificate: student pilot, sport pilot, recreational pilot, private pilot, commercial pilot, airline transport pilot, instrument rating, flight instructor, and ground instructor. Under the "total training concept," the areas of operation specified for each grade of certificate by part 61 encompasses the areas of operation and tasks contained in the practical test standards (PTS). Instructors are responsible for training applicants ". . . to acceptable standards in all subject matter areas, procedures, and maneuvers included in the tasks within the appropriate practical test standard." For example:

**a.** An applicant for a private pilot certificate must have logged the aeronautical experience as required by part 61 and have had his/her logbook endorsed by his/her certificated flight instructor (CFI) who determines that the applicant is proficient in the appropriate areas of operation listed in section 61.107(b).

**b.** The flight maneuvers associated with each of the areas of operation listed in section 61.107 are found under similar titles in the current editions of the appropriate PTS. The standards for successful completion of each maneuver and procedure are noted in the elements of each task in the appropriate PTS.

**5. KNOWLEDGE TESTS.** The knowledge tests for the sport pilot certificate, recreational pilot certificate, private pilot certificate, commercial pilot certificate, airline transport pilot (ATP) certificate, flight instructor certificate, ground instructor certificate, and ratings cover the subject areas in which aeronautical knowledge is required by part 61.

**a.** If required by section 61.35(a)(1), an appropriate knowledge test will only be administered to an applicant who presents acceptable evidence of completion of the required training.

**b.** Applicants are not required to show such evidence to take the ATP, CFI, certificated ground instructor (CGI), military competency, or foreign pilot instrument knowledge tests unless they are applying to retake a test after failing that test (per section 61.49).

**c.** The FAA computerized knowledge test program has been implemented to provide expeditious testing services for applicants at locations and times convenient to the public. For location of computerized testing centers, contact the nearest Flight Standards District Office (FSDO) or use the list of computerized testing centers at [http://www.faa.gov/education\\_research/testing/airmen/media/test\\_centers.pdf](http://www.faa.gov/education_research/testing/airmen/media/test_centers.pdf).

**6. COMPLETION OF GROUND TRAINING OR A HOME STUDY CURRICULUM.** Ground training courses to prepare for the aeronautical knowledge test may be offered by pilot schools, colleges, aviation organizations, and individual flight or ground instructors. Home study curriculums are available from representatives of the aviation industry. Home study curriculums individually developed by students should be compiled from material described in the applicable FAA knowledge test guide. The student, to show evidence of a ground school or home study curriculum completion, may use any one of the following methods.

**a.** A certificate of graduation from a pilot training course conducted by an FAA-certificated pilot school, appropriate to the certificate or rating sought, or a statement of accomplishment from the school certifying satisfactory completion of the ground school portion of the course;

**b.** An endorsement from an appropriately rated FAA-certificated ground or flight instructor who has certified that the applicant has satisfactorily completed the ground training required for the certificate or rating sought and is prepared for the test;

**c.** A certificate of graduation or statement of accomplishment from a ground school course, appropriate to the certificate and rating sought that was conducted by an agency such as a high school, college, adult education program, the Civil Air Patrol, or a Reserve Officer's Training Corps flight training program;

**d.** A certificate of graduation from an industry-provided aviation home study course. The certificate must be developed by the aeronautical enterprise providing the study material. The certificate of graduation must correspond to the FAA knowledge test for the certificate or rating sought. The aeronautical enterprise providing the course of study must also supply a comprehensive knowledge test, which can be scored as evidence that the student has completed the course of study. The knowledge test must be sent to the course provider for scoring. Upon satisfactory completion of the examination, a graduation certificate signed by an authorized CFI of the course provider will be provided to the student; or

e. Applicants are encouraged to obtain ground training from the sources described in paragraph 6a through 6d above. An applicant who is unable to provide any of the above documents when applying for a knowledge test may present an individually developed home study course to an appropriately rated flight or ground instructor. The instructor will review the course materials and may question the applicant to determine that the course was completed and that the applicant does possess the knowledge required for the certificate or rating sought. The instructor will then complete an endorsement certifying that the applicant is prepared for the knowledge test.

**7. EVIDENCE OF IDENTITY AND AGE.** Applicants for knowledge tests and airman certificates must provide positive proof of identification, address, and age at the time of application.

**a. Identification.** The identification presented must include a photograph of the applicant, the applicant's signature, and the applicant's actual residential address (if different from the mailing address). This information may be presented in more than one form of identification. Acceptable methods of identification include, but are not limited to drivers' licenses, government identification cards, passports, and military identification cards. Some applicants may not possess the identification documentation described. In the case of an applicant under the age of 16 years for a knowledge test or practical test for other than a glider or balloon rating (or 14 years of age for a knowledge test or practical test for a glider or balloon rating), the applicant's parent or guardian may accompany the applicant and present information attesting to the applicant's identity. If this is done, a statement to that effect will be submitted for enclosure in the airman's permanent record.

**b. Address.** A temporary mailing address for delivery of the certificate may be indicated on a separate statement attached to the application. However, the address required for official record purposes as shown on an airman application for a certificate must represent the airman's actual permanent residential street address, including apartment number, etc., when appropriate. An alternate mail delivery service address (commercial mail box provider, flight school, airport office, etc.) is unacceptable. A post office box or rural route number is unacceptable as a permanent residence on an application unless unavoidable circumstances require such an address. An applicant residing on a rural route, in a boat or mobile (recreational) vehicle, or in some other like residence that requires the use of a post office box or rural route number for an address, must attest to the circumstances by signing a statement on a separate sheet of paper. The information provided must include sufficient details to ensure identification of the geographical location of the airman's residence. If necessary to positively identify the place of residence, the applicant may be required to provide a hand-drawn map or a typed or written explanation of directions to the residence that clearly shows or describes the location of the residence. When the residence is a boat or other mobile vehicle, the registration number, tag number, etc., and dock or park location must be provided. When applying for the practical test for an airman certificate, a post office address may be specified for use on the certificate issued. A signed request must be submitted with the application for this purpose. The permanent residence address must be shown in the manner specified above.

**c. Age.** Applicants applying to take a practical test must show they meet the minimum age requirement for the certificate sought. When applying to take a knowledge test, applicants must show that they will meet the minimum age requirement for the certificate sought within 24 calendar-months of the date of application for the knowledge test.

## **8. PRACTICAL TESTS.**

**a.** A practical test is conducted to evaluate the applicant's knowledge and skill for the pilot certificate and rating sought. During a practical test, the examiner will quiz the applicant orally on knowledge elements and ask the applicant to perform the skill elements of the test. However, oral testing may be used at any time during the practical test. An examiner is responsible for determining whether the applicant meets the standards outlined in the objectives of each required task in the appropriate PTS.

**b.** For elements of a maneuver or procedure on the practical test in which the applicants are required to be tested orally or by written questions, the PTS uses the words ". . . The applicant exhibits knowledge of . . ." or ". . . the applicant exhibits instructional knowledge of . . ." in the area of each task noted as "Objective."

**c.** For elements of a maneuver or procedure on the practical test in which the applicants are required to demonstrate their piloting skills, the PTS uses words such as considers situations, maintains, utilizes, initiates, transitions to, arrives at, establishes and maintains, remains aware, avoids situations, selects, properly, makes a, recognizes, stops, completes, etc., in the area of each task noted as "Objective."

**d.** In accordance with section 61.45(a), a flight simulator or flight training device may be used for some elements of the practical test. Authorization and the extent of use of a flight simulator or flight training device during the practical test is addressed in the appropriate appendix section of the applicable PTS for the pilot certificate and rating sought.

## **9. LIGHT-SPORT AIRCRAFT WITH A SINGLE PILOT STATION.**

**a.** In accordance with section 61.45(f), a practical test may be conducted in a light-sport aircraft that has a single pilot station. The FAA believes that with certain limitations, it is appropriate to allow the practical test, at the sport pilot certificate level only, to be conducted from the ground by a designated pilot examiner (DPE) or an aviation safety inspector (ASI). The examiner or ASI must agree to conduct the practical test in a single-seat aircraft and must ensure that the practical test is conducted in accordance with the sport pilot PTS for single-seat aircraft. Knowledge of all tasks applicable to the category/class of aircraft will be evaluated orally. Single-seat sport pilots must demonstrate competency in those specific tasks identified in the PTS and any other tasks selected by the examiner. The examiner must be in a position to observe the operation of the aircraft and evaluate the proficiency of the applicant from the ground.

**b.** The limitation "No passenger carriage and flight in a single-pilot station aircraft only" will be placed on the person's pilot certificate, which limits a pilot to operations in a single-seat light-sport aircraft, and no passenger carriage will be authorized. Only a DPE or an ASI is authorized to remove this limitation. This can be accomplished when the sport pilot takes a practical test in a two-place light-sport aircraft and conducts the additional tasks identified in the PTS. This practical test may be conducted in the same or additional category of aircraft.

**c.** Upon successful completion of the practical test, the limitation will be removed and the sport pilot is authorized to act as pilot-in-command (PIC) in all categories of light-sport aircraft for which he or she has a make and model endorsement within a set of aircraft to operate. The

limitation can also be removed if the sport pilot completes the certification requirements in an aircraft with a minimum of two places, for a higher certificate or rating.

**d.** A sport pilot who is issued a certificate with a single-seat limitation must complete a flight review, as required by section 61.56. If the flight review is conducted in an aircraft, it must be in an aircraft with a minimum of two pilot stations, in which the pilot is rated, and with an authorized instructor who is current and qualified to act as PIC.

**e.** An instructor may perform a proficiency check for an additional category or privilege in accordance with section 61.321 to be added to a sport pilot certificate or higher using a single-seat light-sport aircraft, provided the instructor is also a DPE or an ASI.

**f.** The instructor or ASI must agree to conduct the practical test in a single-seat light-sport aircraft and must ensure that the proficiency check is conducted in accordance with the sport pilot PTS for single-seat aircraft. Knowledge of all tasks applicable to the category or class of aircraft will be evaluated orally. Those pilots seeking sport pilot privileges in a single-seat light-sport aircraft must demonstrate competency in those specific tasks identified in the PTS and any other tasks selected by the instructor.

**g.** The instructor or ASI must have radio contact and be in a position to observe the operation of the light-sport aircraft and evaluate the proficiency of the applicant from the ground.

**h.** On successful completion of proficiency check, the instructor or ASI will issue an endorsement with the following limitation: "No passenger carriage and flight in a single-pilot station aircraft only (add category/class/make and model)" limiting the pilot's operations to a single-seat aircraft in this category, class, make, and model. The instructor must sign this endorsement with his or her CFI and examiner number.

**i.** This limitation can be removed by the pilot having successfully completed a proficiency check involving the additional tasks identified in the PTS in a two-pilot station light-sport aircraft for the specific category and class rating sought and in accordance with section 61.321. The proficiency check must be conducted in the same category and class of light-sport aircraft. Upon successful completion of the proficiency check, the pilot will be issued an endorsement for the light-sport aircraft privilege sought.

**j.** A recreational pilot or higher, when exercising sport pilot privileges, is required to have an endorsement for only the category and/or class of light-sport aircraft for which he/she is authorized to act as PIC. A sport pilot is required to have an endorsement for the category, class, make, and model within a set of aircraft (see section 61.1(b)(14) for the definition of "set of aircraft") in which he/she is authorized to act as PIC.

**10. PREREQUISITES FOR PRACTICAL TESTS.** Except as provided by section 61.39(c), each applicant must have received an endorsement from an authorized instructor who certified that the applicant received and logged the required flight time/training in preparation for the practical test within 60 days preceding the date of the test and has been found proficient to pass the practical test.

**NOTE: The endorsement must also state that the applicant has satisfactory knowledge of the subject areas in which he/she was shown to be deficient by the FAA airman knowledge test report, if required.**

- a. All applicants must have the required endorsements specified in part 61 for the aircraft category, class, rating, or privilege of certification sought.
- b. All applicants who reapply for a retest for a practical test must present another endorsement from their instructor that states the applicant has been given the necessary training and is prepared for the practical test.
- c. A practical test, whether or not satisfactorily completed, “uses up” the instructor’s endorsement for that test. An instructor’s recommendation on FAA Form 8710-1, Airman Certificate and/or Rating Application, is required for each retest conducted for a certificate or rating.
- d. Except for a practical test for a sport pilot certificate, flight instructor certificate with a sport pilot rating, glider category rating, or a balloon class rating, applicants must hold at least a current third class medical certificate. If the practical test/proficiency check is being administered in a flight simulator/flight training device, the applicant is not required to hold a medical certificate (see section 61.23(b)(8)).
- e. The ability to read, speak, write, and understand the English language is an eligibility requirement that applies to all pilot certificates, ratings, and privileges. No certificate, rating, or privilege will be issued if the applicant cannot meet this requirement, except when such inability to read, speak, write, and understand the English language is due to medical reasons and as permitted under section 61.13(b), and as allowed by other CFR sections.

**11. STUDENT PILOT CERTIFICATION.** Specific knowledge, flight proficiency, flight experience, and endorsement requirements for the student pilot certificate are located in part 61, subpart C.

a. A student pilot certificate can be issued by a designated aviation medical examiner as part of a medical certificate. However, an ASI and DPE can also issue student pilot certificates. Whenever a student pilot certificate (other than a student pilot seeking a sport pilot certificate) is issued by an ASI or DPE, the applicant must hold a current medical certificate for performing solo privileges in an airplane, rotorcraft, powered-lift, weight-shift-control aircraft, powered parachute, or airship. Glider and balloon student pilots are not required to hold a medical certificate (see section 61.23(b)(3)).

(1) Use the following table to determine how to apply for a student pilot certificate for applicants other than those seeking a sport pilot certificate:

If ...	Then...
(a) An applicant operates a balloon or glider, or has a current and valid medical certificate issued under 14 CFR part 67,	(a) The applicant must apply using FAA Form 8710-1 with a FSDO or an FAA DPE to receive a student pilot certificate (FAA Form 8710-2).
(b) An applicant is not operating a balloon or a glider, and does not have a current and valid medical certificate issued under part 67,	(b) The applicant must apply for a student medical certificate (FAA Form 8420-2, Medical Certificate _____ Class and Student Pilot Certificate), with at least a third class medical certificate issued under part 67 with an FAA aviation medical examiner.

(2) Use the following table to determine how to apply for a student pilot certificate for applicants seeking a sport pilot certificate:

If ...	Then...
(a) An applicant operates a balloon or glider, or has a current and valid medical certificate issued under part 67, or a current and valid U.S. driver's license,	(a) The applicant must apply for a student pilot certificate with a FSDO or an FAA DPE.
(b) An applicant is not operating a balloon or a glider, and has neither a current and valid medical certificate issued under part 67, nor a current and valid U.S. driver's license,	(b) The applicant must apply for a student medical certificate with at least a third class medical certificate issued under part 67 with an FAA aviation medical examiner.

b. Additional information on the eligibility requirements for student pilots can be found in section 61.83 and the general limitations for student pilots can be found in section 61.89.

## 12. PRESOLO REQUIREMENTS.

a. The "90-day" solo endorsement that goes in the student pilot's logbook is required every 90 days for the student to be afforded continuing solo privileges, per section 61.87(n).

b. Although section 61.19(b) establishes, in a pertinent part, that a student pilot certificate expires 24 calendar-months from the month in which it is issued, the endorsements on that student pilot certificate are a matter of record indefinitely. The endorsements are required to be updated from "time-to-time" in the student pilot's logbook to retain solo privileges.

c. The following pre-solo requirements must be met:

(1) Before being authorized to conduct a solo flight, a student pilot must have demonstrated satisfactory aeronautical knowledge by completion of a knowledge test (see § 61.87(b)). Before being authorized to conduct a solo flight, a student pilot must have received and logged the flight training required by sections 61.87(c) and (d) through (m), as appropriate. Satisfactory aeronautical knowledge and an acceptable performance level must have been demonstrated to an authorized instructor, per section 61.87(b).

(2) Prior to solo flight, a student pilot is required to have his or her student pilot certificate and logbook endorsed for the specific make and model aircraft to be flown. Thereafter, the student pilot's logbook must be endorsed every 90 days to retain solo flight privileges. These endorsements must be given by an authorized flight instructor who has flown with the student (per section 61.87(p)).

**13. ADDITIONAL SOLO PRIVILEGES.** The following additional student solo privileges may be authorized:

**NOTE: The student pilot certificate only provides for listing the aircraft's category for the solo cross-country privilege endorsement. Per section 61.93(c)(1), the solo cross-country endorsement on the student pilot certificate must be "... for the specific category of aircraft to be flown." However, per section 61.93(c)(2)(i), the solo cross-country endorsement in the student pilot's logbook must be "... for the specific make and model of aircraft to be flown."**

a. A student pilot may operate an aircraft in solo flight at night provided that student has received the required flight training at night and the appropriate endorsements as required by

section 61.87(o). A student pilot seeking a sport pilot certificate is not authorized to operate a light-sport aircraft at night, per section 61.89(c).

(1) A student pilot may operate an aircraft on a solo cross-country flight provided that student has received the training required by sections 61.93(e) through (m), as appropriate, has demonstrated acceptable skills, abilities, and competency to his/her instructor who then would endorse the person's student pilot certificate and logbook. Additionally, before each solo cross-country flight, an instructor must endorse the student's logbook.

**NOTE: This endorsement does not need to be made by the instructor who normally provides training to the student.**

(2) The instructor who makes the endorsement to authorize this solo cross-country flight will personally review the student's preflight planning and preparation and attest to the correctness and preparedness of the student's cross-country planning under the known circumstances. The instructor may add limitations to the endorsement to ensure an accurate written understanding between the student and the instructor to better ensure the safety of the flight.

b. When an instructor permits his or her student to make a solo cross-country flight, any solo flight greater than 25 nautical miles (nm) (or 15 nm in the case of a powered parachute) from the airport from where the flight originated, or make any solo flight and landing at any location other than the airport of origination, that student must have received the solo cross-country training and endorsements requirements of section 61.93. Additionally, unless there is an emergency, no student may make a solo flight landing at any point other than the airport where the student pilot normally receives cross-country training and endorsements of section 61.93.

c. A flight instructor may authorize a student to practice solo takeoffs and landings at an airport within 25 nm (or 15 nm in the case of a powered parachute) from the airport at which the student pilot is normally receiving training after meeting the requirements of section 61.93(b)(1).

d. A student pilot may be authorized to make repeated, specific solo cross-country flights that are not greater than 50 nm from the point of departure if the student meets the requirements of section 61.93(b)(2). The authorized instructor should specify in the student's logbook endorsement, the conditions under which the flights may be made.

e. A student pilot who seeks a sport pilot certificate or a recreational pilot certificate and wants to obtain privileges to operate in Class B, C, and D airspace, at an airport located in Class B, C, or D airspace, and to, from, through, or at an airport having an operational control tower, must receive and log ground and flight training from an authorized instructor on the aeronautical knowledge areas listed in section 61.94(a) and have received a logbook endorsement in accordance with section 61.94(b).

f. A student pilot may NOT operate an aircraft in solo flight in Class B airspace or on a solo flight to, from, or at an airport located in Class B airspace unless that student pilot has received the ground and flight training and instructor endorsements required by section 61.95(a) and (b).

**14. SPORT PILOT CERTIFICATION.** Specific knowledge, flight proficiency, flight experience, and endorsement requirements for the sport pilot certificate are located in part 61, subpart J.

**a.** An applicant for a sport pilot certificate, except those meeting the requirements of section 61.329, must possess at least a student pilot certificate that is current and valid.

**b.** The flight instructor is given discretion in developing a training program to meet the requirements of section 61.309. The regulation spells out the specific minimum aeronautical experience requirements that must be met.

**c.** A sport pilot certificate is issued without a specific category or class listed. An endorsement is required for each category, class, make, and model of light-sport aircraft a sport pilot is qualified to fly.

**d.** Sport pilots will require an endorsement to fly at least one make and model of light-sport aircraft within the same set of aircraft. Once an endorsement is obtained for a specific make and model of light-sport aircraft, the sport pilot can fly any other make and model in the same set without any additional endorsements. The FAA has established a list of sets of light-sport aircraft, which is available online at [http://www.faa.gov/licenses\\_certificates/airmen\\_certification/sport\\_pilot/media/aircraft\\_sets.pdf](http://www.faa.gov/licenses_certificates/airmen_certification/sport_pilot/media/aircraft_sets.pdf). (See section 61.1(b)(14) for the definition of “set of aircraft.”)

**e.** An appropriately authorized flight instructor must supervise the training and experience required in obtaining additional sport pilot privileges. Additional training requirements and endorsements are established for the following additional privileges:

(1) Category or class of light-sport aircraft (section 61.321).

(2) Make and model of light-sport aircraft (section 61.323).

(3) Operate a light-sport aircraft in Class B, C, or D airspace, at an airport located in Class B, C, or D airspace, or to, from, through, or on an airport having an operational control tower (section 61.325).

(4) Operate a light-sport aircraft that has a  $V_H$  greater than 87 knots (kts) calibrated airspeed (CAS) (section 61.327).

**f.** Any pilot exercising sport pilot privileges (and applicants for the certificate) must understand and comply with all sport pilot privileges and limitations, particularly the applicable operating limits and endorsement requirements in subpart J. Section 61.303 establishes which operating limits and endorsement requirements apply to the operation of a light-sport aircraft, depending on the type of certificate or rating a pilot holds and the medical eligibility requirements the pilot meets. For example, a pilot holds a recreational pilot certificate, but not a medical certificate, and wishes to exercise sport pilot privileges. The pilot must comply with cross-country requirements in section 61.101(c), even if the flight does not exceed 50 nm from the departure airport (reference section 61.303). The pilot must also comply with the additional training requirements and endorsements established in paragraph 14c. See also paragraph 13.

**g.** Each pilot exercising sport pilot privileges must carry his or her logbook and other evidence of the required authorized instructor endorsements on all flights. Other evidence of the

required authorized instructor endorsements may be a preprinted card or record that includes the endorsements. See section 61.51(i)(3).

**15. RECREATIONAL PILOT CERTIFICATION.** Specific knowledge, flight proficiency, flight experience, and endorsement requirements for the recreational pilot certificate are located in part 61, subpart D.

**a.** Section 61.101 contains all limitations that pertain to the recreational pilot certificate and outlines procedures for obtaining additional certificates or ratings. An appropriately authorized flight instructor must supervise the training and experience required in furtherance of a higher level of certificate. Each flight conducted by the recreational pilot under those provisions must be authorized by the flight instructor's endorsement in the recreational pilot's logbook.

**b.** Recreational pilots may act as PIC on a flight that is in Class B, C, and D airspace, at an airport located in Class B, C, or D airspace, and to, from, through, or on an airport having an operational control tower after having received the required training and endorsement (per section 61.101(d)). Recreational pilots must have their logbook in their personal possession during flight (per section 61.101(d)(3)).

**c.** Recreational pilots who want to fly beyond 50 nm from the departure airport where training was received must receive additional ground and flight training on the private pilot cross-country training requirements of part 61, subpart E, and must receive an instructor endorsement (per section 61.101(c)). Recreational pilots must have their logbook in their personal possession when operating an aircraft (per section 61.101(c)(3)).

**16. PRIVATE PILOT CERTIFICATION.** Specific knowledge, flight proficiency, flight experience, and endorsement requirements for the private pilot certificate are located in part 61, subpart E.

**a.** An applicant for a private pilot certificate must possess at least a student pilot certificate, sport pilot certificate, or a recreational pilot certificate that is current and valid.

**b.** The flight instructor is given discretion in developing a flight training program to meet the requirements of part 61, subpart E. The regulation spells out the specific minimum aeronautical experience requirements that must be met.

**c.** Applicants must meet night experience requirements regardless of medical qualification considerations. The only exception is in accordance with section 61.110.

**d.** The 3 hours of flight training in a single-engine or multiengine airplane on the control and maneuvering of an airplane solely by reference to instruments (see sections 61.109(a)(3) and (b)(3)) and the 3 hours of flight training in a powered-lift on the control and maneuvering of a powered-lift solely by reference to instruments (see section 61.109(e)(3)) do not have to be conducted by a certificated flight instructor—instrument (CFII). However, the training must be in an aircraft and not in a flight simulator or a flight training device unless it was performed in accordance with a 14 CFR part 142 approved training program.

**e.** Except as in accordance with section 61.110, a person who does not meet the night flying requirements in a gyroplane, powered parachute, or weight-shift-control aircraft (section 61.109(d)(2), (i)(2), or (j)(2)) may be issued a private pilot certificate with the limitation

“Night Flying Prohibited.” This limitation may only be removed by an examiner or ASI if the holder complies with the requirements of section 61.109(d)(2), (i)(2), or (j)(2), as appropriate.

f. Private pilots (and applicants for the certificate) must understand and comply with all private pilot privileges and limitations, including compensation or hire and expense sharing, in accordance with section 61.113 through section 61.117.

**17. COMMERCIAL PILOT CERTIFICATION.** Specific knowledge, flight proficiency, flight experience, and endorsement requirements for the commercial pilot certificate is located in part 61, subpart F.

a. An applicant for a commercial pilot certificate must hold at least a private pilot certificate issued under part 61.

**NOTE: This may be a standard U.S. pilot certificate, or a section 61.75 pilot certificate that is based on a foreign pilot license or meets the requirements of section 61.73. The person may be able to apply for a commercial pilot certificate by being able to meet the requirements of section 61.73 (meaning, able to qualify for the commercial pilot certificate under the special rules for military pilots or former military pilots). If a person is basing application for a commercial pilot certificate on a section 61.75 pilot certificate, the authenticity of the foreign pilot license must be verified through the person’s foreign civil aviation authority.**

b. An applicant for a commercial pilot certificate with an airplane or powered-lift category rating must hold or concurrently obtain the appropriate instrument rating.

**18. AIRLINE TRANSPORT PILOT (ATP) CERTIFICATION.** Specific knowledge, flight proficiency, flight experience, and endorsement requirements for an ATP certificate is located in part 61, subpart G.

a. An applicant for an ATP certificate must possess one of the following:

(1) A commercial pilot certificate and an instrument (airplane, helicopter, or powered-lift) rating issued under part 61;

(2) A foreign ATP license or a foreign commercial pilot license and an instrument (airplane, helicopter, or powered-lift) rating, without limitations, issued by a contracting state to the Convention on International Civil Aviation. If applying for an ATP certificate based on holding a foreign pilot license and ratings, the authenticity of that foreign pilot license must be verified through the foreign civil aviation authority; or

(3) Be a military pilot or former military pilot and have met the requirements of section 61.73 that qualifies the applicant for a commercial pilot certificate with an instrument (airplane, helicopter, or powered-lift) rating.

b. An instructor recommendation is not required, unless the applicant has failed the practical test and this is a retest (per section 61.49). Applicants for retest must comply with the appropriate retest requirements of section 61.49. In addition, the instructor must sign the applicant’s FAA Form 8710-1 application for the retest.

**19. FLIGHT INSTRUCTORS OTHER THAN FLIGHT INSTRUCTORS WITH A SPORT PILOT RATING.** Specific knowledge, flight proficiency, flight experience, and endorsement requirements for the flight instructor certificate, other than flight instructors with a sport pilot rating, is located in part 61, subpart H. To be eligible for a flight instructor certificate, an applicant must:

- a. Hold a commercial pilot certificate or an ATP certificate with an aircraft rating appropriate to the flight instructor rating sought and that was issued under part 61.
- b. Hold an instrument rating/instrument privileges (e.g., instrument privileges, as on an ATP certificate the instrument privileges are conferred) on the applicant's pilot certificate, if the applicant is seeking a flight instructor certificate with an airplane category, powered-lift rating, or instrument rating, and was issued under the pertinent certification requirements of part 61.
- c. Have a logbook endorsement certifying that the applicant has been given the required ground and flight training and has been found competent to pass the practical test. An instructor who meets the requirements of section 61.195(h) must make the endorsement.
- d. Have logged at least 15 hours as PIC in the category and class of aircraft that is appropriate to the flight instructor rating sought.
- e. For applicants applying for a flight instructor certificate with airplane and glider category ratings, the applicant must have received a logbook endorsement that attests to satisfactory demonstration of instructional proficiency of stall awareness, spin entry, spins, and spin recovery procedures in airplanes or gliders, as appropriate. A logbook endorsement that attests to satisfactory demonstration of instructional proficiency of stall awareness, spin entry, spins, and spin recovery procedures is required for the initial flight instructor certificate (for a rating in airplanes or gliders). This means, even if the applicant were to initially seek a flight instructor certificate with an airplane multiengine rating, the applicant would still be required to receive a logbook endorsement that attests to satisfactory demonstration of instructional proficiency of stall awareness, spin entry, spins, and spin recovery procedures. However, the training would be required to be performed in an airplane (most likely a single-engine land airplane) that does not contain any restrictions from spins.

**20. FLIGHT INSTRUCTORS WITH A SPORT PILOT RATING.** Specific knowledge, flight proficiency, flight experience, and endorsement requirements for the flight instructor certificate with a sport pilot rating is located in part 61, subpart K. To be eligible for a flight instructor certificate with a sport pilot rating an applicant must:

- a. Hold a current and valid sport, recreational, or private pilot certificate with category and class ratings or privileges, as applicable that are appropriate to the flight instructor privileges sought.
- b. Have a logbook endorsement certifying that the applicant has met the aeronautical experience required by section 61.411, for the category and class privileges, as applicable, that are appropriate to the flight instructor privileges sought.
- c. Have a logbook endorsement certifying that the applicant has been given the ground and flight training required by section 61.409 and has been found competent to pass the practical test.

An instructor who meets the requirements of section 61.415 or section 62.429 must make the endorsement.

**d.** The training and experience required to obtain additional sport pilot flight instructor privileges must be supervised by an appropriately authorized flight instructor. Additional training requirements and endorsements are established for the following additional privileges:

**(1)** To provide training in an additional category or class of light-sport aircraft, an applicant must meet the training requirements and endorsements required in section 61.419. The applicant must successfully complete a proficiency check from an authorized instructor other than the instructor who trained him or her, and provide a completed FAA Form 8710-11, Airman Certificate and/or Rating Application—Sport Pilot, to the authorized instructor.

**(2)** To provide training in an additional make and model of light-sport aircraft, an applicant must have at least 5 hours of flight time in a make and model of light-sport aircraft within the same set of aircraft in which he or she provides training.

**(3)** To provide training to operate a light-sport aircraft in Class B, C, and D airspace, at an airport located in Class B, C, or D airspace, and to, from, through, or on an airport having an operational control tower, an applicant must have the endorsement specified in section 61.325, or be otherwise authorized to conduct operations in this airspace.

**(4)** To provide training in a light-sport aircraft with a  $V_H$  greater than 87 kts CAS, an applicant must have the endorsement specified in section 61.327, or be otherwise authorized to operate a light-sport aircraft with a  $V_H$  greater than 87 kts CAS.

**e.** For applicants applying for a flight instructor certificate with sport pilot rating with airplane or glider category privileges, the applicant must have received a logbook endorsement that attests he/she is competent and possesses instructional proficiency in stall awareness, spin entry, spins, and spin recovery procedures after receiving flight training in those training areas in an airplane or glider, as appropriate, that is certificated for spins.

**(1)** An applicant who seeks additional category and class privileges to be added to his/her flight instructor certificate with sport pilot rating in an airplane or glider would be required to receive the same training and logbook endorsement.

**(2)** This training would be required to be performed in a single-engine airplane or glider (preferably a light-sport aircraft) that does not contain any restrictions from spins.

**f.** For single place aircraft, pre-solo flight training must be provided in an aircraft that has two pilot stations and is of the same category and class applicable to the certificate, rating, or privilege sought.

**g.** To provide ground or flight training for a private pilot certificate with a powered parachute or weight-shift-control aircraft rating, an applicant must hold at least a private pilot certificate with the applicable category and class rating; a flight instructor certificate with a sport pilot rating or privileges, and the applicable flight instructor category and class privileges.

**h.** All flight instructors with a sport pilot rating or privileges must carry his or her logbook or other evidence of the required authorized instructor endorsements on all flights. Other

evidence of the required authorized instructor endorsements may be a preprinted card or record that includes the endorsements. See section 61.51(i)(5).

**21. GOLD SEAL FLIGHT INSTRUCTOR CERTIFICATES (EXCEPT THOSE WITH A SPORT PILOT RATING).** The specific requirements for the gold seal flight instructor certificate (except those with a sport pilot rating) are contained in FAA Order 8700.1, General Aviation Operations Inspector's Handbook, volume 2, chapter 13 and FAA Order 8710.3, Designated Pilot and Flight Engineer Examiner's Handbook, chapter 14. Flight instructor certificates bearing distinctive gold seals are issued to flight instructors who have maintained a high level of flight training activity and who meet special criteria. Once issued, a gold seal flight instructor certificate will be reissued each time the instructor's certificate is renewed. Applicants for gold seal flight instructor certificates must meet the following requirements:

a. The flight instructor must hold a commercial pilot certificate with an instrument rating (glider flight instructors need not hold an instrument rating) or an ATP certificate;

b. The flight instructor must hold a ground instructor certificate with an advanced or instrument ground instructor rating; and

c. The flight instructor must have accomplished the following within the previous 24 calendar-months:

(1) Trained and recommended at least 10 applicants for a practical test, and at least 80 percent of the applicants passed their tests on the first attempt;

(2) Conducted at least 20 practical tests as a designated pilot examiner, or graduation tests as chief instructor of a 14 CFR part 141 approved pilot school course; or

(3) A combination of the above requirements. (Two practical tests conducted equal the credit given for one applicant trained and recommended for a practical test.)

**22. GOLD SEAL FLIGHT INSTRUCTOR CERTIFICATES (WITH A SPORT PILOT RATING).** The specific requirements for the gold seal flight instructor certificate (with a sport pilot rating) are contained in FAA Order 8700.1, vol. 2, ch. 13, and FAA Order 8710.7, Sport Pilot Examiner's Handbook. Flight instructor certificates bearing distinctive gold seals are issued to flight instructors who have maintained a high level of flight training activity and who meet special criteria. Once issued, a gold seal flight instructor certificate will be reissued each time the instructor's certificate is renewed. Applicants for gold seal flight instructor certificates (with a sport pilot rating) must meet the following requirements:

a. The flight instructor must hold at least a sport pilot certificate;

b. The flight instructor must hold a ground instructor certificate with a basic ground instructor rating;

c. The flight instructor must have accomplished one of the following within the previous 24 months:

(1) Trained and recommended at least 10 applicants for an original certificate with at least 80 percent of those applicants recommended passing the practical test on his or her first attempt;

(2) Conducted at least 20 certification practical tests as an examiner or conducted 20 certification graduation tests as a chief flight instructor for an approved pilot school course; or

(3) A combination of the requirements in paragraphs 22c(1) and (2). (Two certification practical tests/certification graduation tests equate to one trained and recommended applicant.)

**23. RENEWAL OF A FLIGHT INSTRUCTOR CERTIFICATE.** The renewal requirements for a flight instructor certificate are located in section 61.197. Renewal of a flight instructor certificate may be accomplished at any time.

a. A flight instructor certificate that has not expired may be renewed in accordance with section 61.197(a) by:

(1) Passing a practical test for one of the ratings listed on the person's current flight instructor certificate or passing a practical test for an additional flight instructor rating;

(2) Presenting to an ASI the appropriate records that verify the requirements of section 61.197(a)(2)(i) or (ii) were accomplished;

(3) Presenting to an ASI evidence of having graduated from an FAA-approved flight instructor refresher course (FIRC) within the preceding 3 calendar-months. The instructor's FIRC graduation certificate should be presented to an ASI at the time of application for renewal.

b. For individuals who wish to comply with section 61.197(a)(2)(ii), the FAA offers the following examples of "a position involving the regular evaluation" of pilots:

(1) Persons who regularly give aircraft checkouts at a fixed-base operator and the ASI are acquainted with the applicant's duties, responsibilities, and quality of instruction.

(2) Part 121 or 135 airline captains who regularly evaluate pilots and have satisfactory knowledge of part 61 pilot training, certification, and standards. The ASI must be acquainted with the duties and responsibilities of those pilot positions.

(3) Company check pilots for 14 CFR part 133 operations who regularly evaluate pilots and have satisfactory knowledge of part 61 pilot training, certification, and standards. The ASI must be acquainted with the duties and responsibilities of those pilot positions.

c. Provided that the certificate is renewed within 3 calendar-months before the expiration month of a current flight instructor certificate, the renewed certificate will be valid for an additional 24 calendar-months beyond the expiration date shown on the current certificate. For example:

(1) If a flight instructor renewal applicant's current flight instructor certificate expires in August, then that applicant must accomplish one of the flight instructor renewal actions in the months of May, June, July, or August to retain the month of August as the expiration month (per section 61.197(b)(2)(i)).

(2) For example, assume a flight instructor renewal applicant has August 31, 2005, showing on her current flight instructor certificate. The applicant completes an FIRC on June 1, 2005, and presents her current flight instructor certificate and FIRC graduation certificate to a

FSDO on June 1, 2005. The flight instructor certificate is renewed with a new expiration date of August 31, 2007 (per section 61.197(b)(2)(ii)).

d. If the flight instructor certification renewal action occurs outside the 3 calendar-month period of the expiration month on the flight instructor certificate, the renewed flight instructor certificate will be valid for an additional 24 calendar-months from the month the renewal requirements of section 61.197 were accomplished. A FIRC graduation certificate must be presented to a FSDO within 90 days of completion of the FIRC. The renewal action of section 61.197(a) must be accomplished before the expiration date shown on the applicant's flight instructor certificate.

e. There have been several inquires asking about the intent of the phrase "or other documentation acceptable to the Administrator" in section 61.3(d). During the flight instructor certification renewal process, when an FIRC graduation certificate is used for renewal and the applicant's flight instructor certificate is being processed for renewal, a copy of the FIRC graduation certificate is considered "acceptable documentation to the Administrator" until the applicant receives his or her permanent flight instructor certificate. Another example of other "acceptable documentation to the Administrator" is a copy of the flight instructor renewal application that the applicant has completed and signed FAA Form 8710-1.

f. Regardless of what has been explained in the paragraphs above, it should be understood that the FAA has the prerogative to require any applicant to complete a part or the entire applicable flight instructor practical test. A practical test may be required if there is reason to believe that it will correct some deficiency in the applicant's instructing abilities or it has been determined necessary to introduce new training procedures or certification requirements.

**24. EXPIRED FLIGHT INSTRUCTOR CERTIFICATE.** The requirements for holders of an expired flight instructor certificate to obtain new certificates are located in section 61.199. A practical test is required in the exchange of an expired flight instructor certificate. A DPE or an ASI will not reinstate expired flight instructor certificates unless the applicant passes a practical test.

a. The holder of an expired flight instructor certificate (i.e., a flight instructor certificate that conforms to section 61.5(c)) may exchange that certificate for a new certificate (except for a flight instructor certificate with a sport pilot rating) by passing one practical test, per section 61.183(h), for one of the aircraft ratings held on that person's expired flight instructor certificate.

**NOTE: If the practical test is for a flight instructor certificate with a sport pilot rating, the examiner may only issue that rating and provide endorsements for the category and class privileges tested.**

b. Flight instructor ratings or limited flight instructor ratings on a pilot certificate are no longer valid. To reinstate instructor privileges, all requirements for initial issuance of a flight instructor certificate must be met.

**25. INSTRUMENT RATING.** Specific knowledge, flight proficiency, flight experience, and endorsement requirements for the instrument rating are located in section 61.65.

**26. ADDITIONAL AIRCRAFT RATINGS (OTHER THAN ATP).** Specific knowledge, flight proficiency, flight experience, and endorsement requirements for additional category, class, or type rating (for other than at the ATP level) are located in section 61.63.

**a. Category and Class Ratings.** Applicants adding a category and/or class rating to a recreational pilot certificate or higher must have an instructor's recommendations and appropriate endorsements. An applicant need not take an additional knowledge test, provided the person holds an airplane, powered-lift, rotorcraft, powered parachute, weight-shift-control aircraft, or airship rating at or above the pilot certificate level sought. An applicant must pass the required practical test appropriate to the pilot certificate for the aircraft category and, if applicable, class rating sought. Additionally, applicants must comply with the requirements of section 61.63, as noted below:

**(1) Category Ratings.** Applicants must receive the training and have the aeronautical experience required by part 61 that applies to the pilot certificate level for the category, and if applicable, class rating sought.

**(2) Class Ratings.** Applicants must be found competent in the knowledge areas and proficient in the areas of operation for the class rating sought.

**(3) Type Ratings.** Applicants must have the required training time, logbook, or training record endorsements, and pass the required practical test in accordance with the ATP/type rating PTS (see section 61.63(d)).

**b. Experimental Category and Class Rating—Section 61.31(k)(2)(iii)(B) for the Carriage of Passengers.** An applicant holding at least a recreational pilot certificate may apply for the issuance of a category and class rating limited to a specific make and model of experimental aircraft in accordance with the provisions of section 61.63(k), with the limitation "Authorized Experimental Aircraft: [Category] and [Class] rating [Make] and [Model]." The applicant is required to receive a logbook endorsement from an authorized flight instructor who has determined that the applicant is proficient to act as PIC of the same category, class, make, and model of experimental aircraft for which the application was made. The 5 hours of flight experience must have been logged between September 1, 2004, and August 31, 2005. Once the pilot complies with the provisions of section 61.63(k), that pilot may be issued the appropriate category and class rating limited to a specific make and model of experimental aircraft.

## **27. ADDITIONAL CATEGORY/CLASS RATINGS AT THE ATP CERTIFICATION LEVEL.**

**a.** Specific knowledge, flight proficiency, flight experience, and endorsement requirements for additional category, class, or type rating (at the ATP certification level) are located in section 61.165.

**b.** Applicants for a type rating on the ATP certification level must have the required training time, logbook, or training record endorsements, and pass the required practical test in accordance with the ATP/type rating PTS (see section 61.157(b)).

**c.** An instructor recommendation is not required, unless the applicant has failed the practical test and this is a retest (per section 61.49). Applicants for retest must comply with the

appropriate retest requirements of section 61.49. In addition, the instructor must sign the applicant's FAA Form 8710-1 application for the retest.

**d.** Experimental category and class rating—section 61.31(k)(2)(iii)(B). An applicant holding an ATP certificate may apply for the issuance of a category and class rating limited to a specific make and model of experimental aircraft in accordance with the provisions of section 61.165(f) with the limitation “Authorized Experimental Aircraft: [Category] and [Class] rating [Make] and [Model].” The applicant is required to receive a logbook endorsement from an authorized flight instructor who has determined that the applicant is proficient to act as PIC of the same category, class, make, and model of experimental aircraft for which the application was made. The 5 hours of flight experience must have been logged between September 1, 2004, and August 31, 2005. Once the pilot complies with the provisions of section 61.165(f), that pilot may be issued the appropriate category and class rating limited to a specific make and model of experimental aircraft.

**28. OTHER INSTRUCTOR ENDORSEMENTS.** Specific requirements for knowledge, aeronautical experience and, as appropriate, testing for the complex airplane, high performance airplane, tailwheel airplane, high altitude/pressurized airplane, and type specific training are found in section 61.31.

**29. GROUND INSTRUCTOR CERTIFICATION.** The applicability, eligibility, privileges, and recency requirements for the ground instructor certificate is located in part 61, subpart I.

**30. AUTHORIZED INSTRUCTORS.** Section 61.1 defines an “authorized instructor” as any instructor who holds a valid and current flight or ground instructor certificate with the applicable privileges and limitations appropriate to the type of instruction provided. Section 61.41 authorizes instructors who are not certificated by FAA to provide training. However, only instructors who are certificated by FAA are allowed to provide the required endorsements toward the requirements for a pilot certificate, rating, or privilege issued under part 61.

**31. ADDITIONAL TRAINING FOR GLIDERS.** Specific knowledge, flight proficiency, and endorsement requirements for the ground tow, aerotow, and self-launch procedures for gliders are located in section 61.31(j).

**a.** Pilots who desire to use ground-tow launch procedures must have satisfactorily accomplished ground and flight training on ground-tow procedures and operations. The pilot must have received an endorsement from a CFI-Glider instructor who certifies, in the pilot's logbook, that the pilot has been found proficient in ground-tow procedures and operations.

**b.** Pilots who desire to use aerotow procedures must have satisfactorily accomplished ground and flight training on aerotow procedures and operations. The pilot must have received an endorsement from a CFI-Glider instructor who certifies, in the pilot's logbook, that the pilot has been found proficient in aerotow procedures and operations.

**c.** Pilots who desire to use self-launch procedures must have satisfactorily accomplished ground and flight training on self-launch procedures and operations. The pilot must have received an endorsement from a CFI-Glider instructor who certifies, in the pilot's logbook, that the pilot has been found proficient in self-launch procedures and operations.

d. As per section 61.31(j)(2), the holder of a glider rating issued prior to August 4, 1997, is considered to be in compliance with the training and logbook endorsement requirements of this paragraph for the specific operating privilege for which the holder is already qualified.

e. Prior to September 1, 2004, some weight-shift-control aircraft had been issued an experimental certificate in the glider category. In these cases only, initial pilot certification for the issuance of at least a private pilot certificate with a glider rating limited to weight-shift control or glider-trike privileges was authorized.

**NOTE: After September 1, 2004, issuance of at least a private pilot certificate with a glider rating limited to weight-shift control or glider-trike privileges is no longer authorized, nor necessary, now that there are established training and certification requirements for weight-shift control category aircraft under part 61.**

f. Effective January 15, 2005, airmen who conducted their initial pilot certification in a weight-shift control aircraft that was certificated as an experimental aircraft in the glider category and received a private pilot certificate or higher with a glider rating limited to weight-shift control or glider-trike privileges can apply using FAA Form 8710-11 at a FSDO for a weight-shift-control category and/or class rating to be added to their airman certificate with no further showing of competency.

**32. AERONAUTICAL EXPERIENCE CREDIT—ULTRALIGHT VEHICLES.** A person may use aeronautical experience obtained in an ultralight vehicle while a registered ultralight pilot with an FAA-recognized ultralight organization, as required by section 61.52, to meet the requirements for the following certificates and ratings issued under this part:

- a. A sport pilot certificate.
- b. A flight instructor certificate with a sport pilot rating.
- c. A private pilot certificate with a weight-shift control or powered parachute category rating.
- d. To meet the provisions of section 61.69 and section 61.415(e).

**33. HOW TO OBTAIN ELECTRONICALLY.** This AC is available online at <http://www.airweb.faa.gov/rgl> and can also be found at <http://www.faa.gov/pilots/> under the Advisory Circulars link.



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73. Aeronautical experience credit—ultralight vehicles: section 61.52 .....18

**APPENDIX 1. INSTRUCTOR ENDORSEMENTS**

The following examples are recommended sample endorsements for use by authorized instructors when endorsing logbooks for airmen applying for a knowledge or practical test, or when certifying accomplishment of requirements for pilot operating privileges. Each endorsement must be legible and include the instructor's signature, date of signature, certificated flight instructor (CFI) or certificated ground instructor (CGI) certificate number, and certificate expiration date, if applicable. The purpose for this advisory circular is to provide guidance and to encourage standardization among instructors.

**STUDENT PILOT ENDORSEMENTS****1. Presolo aeronautical knowledge: section 61.87(b).**

I certify that (*First name, MI, Last name*) has satisfactorily completed the presolo knowledge exam of section 61.87(b) for the (*make and model aircraft*).

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**2. Presolo flight training: section 61.87(c).**

I certify that (*First name, MI, Last name*) has received the required presolo training in a (*make and model aircraft*). I have determined he/she has demonstrated the proficiency of section 61.87(d) and is proficient to make solo flights in (*make and model aircraft*).

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**3. Presolo flight training at night: section 61.87(c) and (o).**

I certify that (*First name, MI, Last name*) has received the required presolo training in a (*make and model aircraft*). I have determined he/she has demonstrated the proficiency of section 61.87(o) and is proficient to make solo flights at night in a (*make and model aircraft*).

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**4. Solo flight (each additional 90-day period): section 61.87(p).**

I certify that (*First name, MI, Last name*) has received the required training to qualify for solo flying. I have determined he/she meets the applicable requirements of section 61.87(p) and is proficient to make solo flights in (*make and model*).

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**5. Solo takeoffs and landings at another airport within 25 nm: section 61.93(b)(1).**

I certify that (*First name, MI, Last name*) has received the required training of section 61.93(b)(1). I have determined that he/she is proficient to practice solo takeoffs and landings at (*airport name*). The takeoffs and landings at (*airport name*) are subject to the following conditions: (*List any applicable conditions or limitations.*)

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**6. Initial solo cross-country flight: section 61.93(c)(1).**

I certify that (*First name, MI, Last name*) has received the required solo cross-country training. I find he/she has met the applicable requirements of section 61.93, and is proficient to make solo cross-country flights in a (*make and model aircraft*).

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**7. Solo cross-country flight: section 61.93(c)(2).**

I have reviewed the cross-country planning of (*First name, MI, Last name*). I find the planning and preparation to be correct to make the solo flight from (*location*) to (*destination*) via (*route of flight*) with landings at (*name the airports*) in a (*make and model aircraft*) on (*date*). (*List any applicable conditions or limitations.*)

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**8. Repeated solo cross-country flights not more than 50 nm from the point of departure: section 61.93(b)(2).**

I certify that (*First name, MI, Last name*) has received the required training in both directions between and at both (*airport names*). I have determined that he/she is proficient of section 61.93(b)(2) to conduct repeated solo cross-country flights over that route, subject to the following conditions: (*List any applicable conditions or limitations.*)

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**9. Solo flight in Class B airspace: section 61.95(a).**

I certify that (*First name, MI, Last name*) has received the required training of section 61.95(a). I have determined he/she is proficient to conduct solo flights in (*name of Class B*) airspace. (*List any applicable conditions or limitations.*)

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**10. Solo flight to, from, or at an airport located in Class B airspace: section 61.95(a) and section 91.131(b)(1).**

I certify that (*First name, MI, Last name*) has received the required training of section 61.95(a)(1). I have determined that he/she is proficient to conduct solo flight operations at (*name of airport*). (*List any applicable conditions or limitations.*)

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**STUDENT PILOT SEEKING SPORT PILOT CERTIFICATE ENDORSEMENTS**

**11. Presolo aeronautical knowledge: section 61.87(b).**

I certify that (*First name, MI, Last name*) has satisfactorily completed the presolo knowledge exam of section 61.87(b) for the (*make and model aircraft*).

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**12. Presolo flight training: section 61.87(c).**

I certify that (*First name, MI, Last name*) has received the required presolo training in a (*make and model aircraft*). I have determined he/she has demonstrated the proficiency of section 61.87 (*(d) through (m), as appropriate*) and is proficient to make solo flights in (*aircraft category\**: *make and model aircraft*).

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

\* Use the following letters to indicate the category of aircraft: **(d)** Airplane **(g)** Gyroplane **(i)** Glider **(j)** Airship **(k)** Balloon **(l)** powered parachute **(m)** weight-shift-control

**13. Solo flight (first 90-day period): section 61.87(n)(2).**

I certify that (*First name, MI, Last name*) has received the required training to qualify for solo flying. I have determined he/she meets the applicable requirements of section 61.87(n) and is proficient to make solo flights in (*make and model*).

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**14. Solo flight (each additional 90-day period): section 61.87(p)(v).**

I certify that (*First name, MI, Last name*) has received the required training to qualify for solo flying. I have determined he/she meets the applicable requirements of section 61.87(p) and is proficient to make solo flights in (*make and model*).

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**15. Solo takeoffs and landings at another airport within 25 nm: section 61.93(b)(1).**

I certify that (*First name, MI, Last name*) has received the required training of section 61.93(b)(1). I have determined that he/she is proficient to practice solo takeoffs and landings at (*airport name*). The takeoffs and landings at (*airport name*) are subject to the following conditions: (*List any applicable conditions or limitations.*)

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**16. Initial solo cross-country flight training: section 61.93(c)(1).**

**NOTE: The instructor who provided the training places an endorsement in the student's logbook before the first solo cross-country and endorses the back of the student pilot certificate.**

I certify that (*First name, MI, Last name*) has received the required solo cross-country training. I find he/she has met the applicable requirements of section 61.93, and is proficient to make solo cross-country flights in a (*make and model aircraft*).

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**17. Solo cross-country flight: section 61.93(c)(2).**

**NOTE: This is done before each solo cross-country flight and may be accomplished by any instructor who reviews the flight planning. This endorsement is made in the student's logbook.**

## Appendix 1

I have reviewed the cross-country planning of (*First name, MI, Last name*). I find the planning and preparation to be correct to make the solo flight from (*location*) to (*destination*) via (*route of flight*) with landings at (*name the airports*) in a (*make and model aircraft*) on (*date*). (*List any applicable conditions or limitations.*)

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**18. Repeated solo cross-country flights not more than 50 nm from the point of departure: section 61.93(b)(2).**

I certify that (*First name, MI, Last name*) has received the required training in both directions between and at both (*airport names*). I have determined that he/she is proficient of section 61.93(b)(2) to conduct repeated solo cross-country flights over that route, subject to the following conditions: (*List any applicable conditions or limitations.*)

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**19. Solo flight in Class B, C, and D airspace: section 61.94(a).**

**NOTE: Required each additional 90-day period.**

I certify that (*First name, MI, Last name*) has received the required training of section 61.94(a). I have determined he/she is proficient to conduct solo flights in (*name of Class B, C, or D*) airspace and authorized to operate to, from through and at \_\_\_\_\_ airport. (*List any applicable conditions or limitations.*)

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**20. Solo flight to, from, or at an airport located in Class B, C, or D airspace or on an airport having an operational control tower: section 61.94(a) and section 91.131(b)(1).**

**NOTE: Required each additional 90-day period.**

I certify that (*First name, MI, Last name*) has received the required training of section 61.94(a)(1). I have determined that he/she is proficient to conduct solo flight operations at (*name of airport*) located in Class B, C, or D airspace or on an airport having an operational control tower. (*List any applicable conditions or limitations.*)

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**21. Presolo flight training at night: section 61.87(c) and (o).**

I certify that (*First name, MI, Last name*) has received the required presolo training in a (*make and model aircraft*) and determined he/she has demonstrated the proficiency of section 61.87(o) and is proficient to make solo flights at night in a (*make and model aircraft*).

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**SPORT PILOT ENDORSEMENTS****22. Taking aeronautical knowledge test: section 61.35(a)(1) and section 61.309.**

I certify that (*First name, MI, Last name*) has received the required aeronautical knowledge training of section 61.309. I have determined that he/she is prepared for the (*name the knowledge test*).

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**23. Taking flight proficiency check for different category or class of aircraft: section 61.309 and section 61.311.**

I certify that (*First name, MI, Last name*) has received the required training required in accordance with sections 61.309 and 61.311 and have determined that he/she is prepared for the (*name the proficiency check*).

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**24. Passing flight proficiency check for different category or class of aircraft: section 61.309 and section 61.311.**

I certify that (*First name, MI, Last name*) has met the requirements of sections 61.309 and 61.311 and I have determined him/her proficient to act as PIC of (*category and class*) of light-sport aircraft.

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**25. Flight proficiency in same category and class within a different make and model of aircraft: section 61.323.**

I certify that (*First name, MI, Last name*) has received the required training of section 61.323 in (*make and model aircraft*) and have determined him/her proficient to act as PIC of that light-sport aircraft.

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**26. Taking sport pilot practical test: section 61.309, section 61.311, and section 61.313.**

I certify that (*First name, MI, Last name*) has received the training required in accordance with section 61.309 and section 61.311 and met the aeronautical experience requirements of section 61.313. I have determined that he/she is prepared for the (*type of practical test*).

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**27. Passing a sport pilot practical test: section 61.309, section 61.311, and section 61.313.**

**NOTE: Required by section 61.317, issued by a designated pilot examiner (DPE).**

I certify that (*First name, MI, Last name*) has met the requirements of section 61.309, section 61.311, and section 61.313, and I have determined him/her proficient to act as PIC of (*category and class of light sport aircraft*) aircraft.

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**28. Class B, C, or D airspace, at an airport located in Class B, C, or D airspace, or to, from, through, or on an airport having an operational control tower: section 61.325.**

I certify that (*First name, MI, Last name*) has received the required training of section 61.325. I have determined he/she is proficient to conduct operations in Class B, C, or D airspace, at an airport located in Class B, C, or D airspace, or to, from, through, or on an airport having an operational control tower.

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**29. Light-sport aircraft that has a  $V_H$  greater than 87 knots CAS: section 61.327.**

I certify that (*First name, MI, Last name*) has received the required training required in accordance with section 61.327 in a (*make and model aircraft*). I have determined him/her proficient to act as PIC of a light-sport aircraft that has a  $V_H$  greater than 87 knots (kts) CAS.

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**RECREATIONAL PILOT ENDORSEMENTS**

**30. Aeronautical knowledge test: section 61.35(a)(1), section 61.96(b)(3), and section 61.97(b).**

I certify that (*First name, MI, Last name*) has received the required training of section 61.97(b). I have determined that he/she is prepared for the (*name the knowledge test*).

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**31. Flight proficiency/practical test: section 61.96(b)(5), section 61.98(a) and (b), and section 61.99.**

I certify that (*First name, MI, Last name*) has received the required training of section 61.98(b) and section 61.99. I have determined that he/she is prepared for the (*name the practical test*).

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**32. Recreational pilot to operate within 50 nm of the airport where training was received: section 61.101(b).**

I certify that (*First name, MI, Last name*) has received the required training of section 61.101(b). I have determined he/she is competent to operate at the (*name of airport*).

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**33. Recreational pilot to act as PIC on a flight that exceeds 50 nm of the departure airport: section 61.101(c).**

I certify that (*First name, MI, Last name*) has received the required cross-country training of section 61.101(c). I have determined that he/she is proficient in cross-country flying of part 61, subpart E.

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**34. Recreational pilot with less than 400 flight hours and not logged PIC time within the preceding 180 days: section 61.101(g).**

I certify that (*First name, MI, Last name*) has received the required 180-day recurrent training of section 61.101(g) in a (*make and model aircraft*). I have determined him/her proficient to act as PIC of that aircraft.

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**35. Recreational pilot to conduct solo flights for the purpose of obtaining an additional certificate or rating while under the supervision of an authorized flight instructor: section 61.101(i).**

I certify that (*First name, MI, Last name*) has received the required training of section 61.87 in a (*make and model aircraft*). I have determined he/she is prepared to conduct a solo flight on (*date*) under the following conditions: (*List all conditions which require endorsement, e.g., flight which requires communication with air traffic control, flight in an aircraft for which the pilot does not hold a category/class rating, etc.*).

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**36. Class B, C, or D airspace, at an airport located in Class B, C, or D airspace, or to, from, through, or on an airport having an operational control tower: section 61.101(d).**

I certify that (*First name, MI, Last name*) has received the required training of section 61.101(d). I have determined he/she is proficient to conduct operations in Class B, C, or D airspace, at an airport located in Class B, C, or D airspace, or to, from, through, or on an airport having an operational control tower.

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**PRIVATE PILOT ENDORSEMENTS****37. Aeronautical knowledge test: sections 61.35(a)(1), 61.103(d), and 61.105.**

I certify that (*First name, MI, Last name*) has received the required training in accordance with section 61.105. I have determined he/she is prepared for the (*name the knowledge test*).

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**38. Flight proficiency/practical test: sections 61.103(f), 61.107(b), and 61.109.**

I certify that (*First name, MI, Last name*) has received the required training in accordance with sections 61.107 and 61.109. I have determined he/she is prepared for the (*name the practical test*).

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

### COMMERCIAL PILOT ENDORSEMENTS

**39. Aeronautical knowledge test: section 61.35(a)(1), section 61.123(c), and section 61.125.**

I certify that (*First name, MI, Last name*) has received the required training of section 61.125. I have determined that he/she is prepared for the (*name the knowledge test*).

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**40. Flight proficiency/practical test: section 61.123(e), section 61.127, and section 61.129.**

I certify that (*First name, MI, Last name*) has received the required training of section 61.127 and section 61.129. I have determined he/she is prepared for the (*name the practical test*).

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

### INSTRUMENT RATING ENDORSEMENTS

**41. Aeronautical knowledge test: section 61.35(a)(1) and section 61.65(a) and (b).**

I certify that (*First name, MI, Last name*) has received the required training of section 61.65(b). I have determined that he/she is prepared for the (*name the knowledge test*).

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**42. Flight proficiency/practical test: section 61.65(a)(6).**

I certify that (*First name, MI, Last name*) has received the required training of section 61.65(c) and (d). I have determined he/she is prepared for the Instrument—(*airplane, helicopter, or powered-lift*) practical test.

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

### FLIGHT INSTRUCTOR (OTHER THAN FLIGHT INSTRUCTORS WITH A SPORT PILOT RATING) ENDORSEMENTS

**43. Fundamentals of instructing knowledge test: section 61.183(d) and section 61.185(a)(1).**

I certify that (*First name, MI, Last name*) has received the required fundamentals of instruction training of section 61.185(a)(1).

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**44. Flight instructor ground and flight proficiency/practical test: section 61.183(g) and section 61.187(a) and (b).**

I certify that (*First name, MI, Last name*) has received the required training of section 61.187(b). I have determined he/she is prepared for the CFI—(*aircraft category and class*) practical test.

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**45. Flight instructor certificate with instrument—(category/class) rating/practical test: section 61.183(g) and section 61.187(a) and (b)(7).**

I certify that (*First name, MI, Last name*) has received the required CFII training of section 61.187(b)(7). I have determined he/she is prepared for the CFII—(*airplane, helicopter, or powered-lift*) practical test.

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**46. Spin training: section 61.183(i)(1).**

I certify that (*First name, MI, Last name*) has received the required training of section 61.183(i). I have determined that he/she is competent in instructional skills for training stall awareness, spin entry, spins, and spin recovery procedures.

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**NOTE: The above spin training endorsement is required of flight instructor applicants for the airplane and glider ratings only.**

**FLIGHT INSTRUCTOR WITH A SPORT PILOT RATING ENDORSEMENTS**

**47. Taking the fundamentals of instructing knowledge test: section 61.405(a)(1).**

I certify that (*First name, MI, Last name*) has received the required training in accordance with section 61.405(a)(1). I have determined that he/she is prepared for the Fundamentals of Instruction Knowledge Test.

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**48. Taking sport pilot flight instructor aeronautical knowledge test: section 61.35(a) (1) and section 61.405(a).**

I certify that (*First name, MI, Last name*) has received the required training of section 61.405(a)(2). I have determined that he/she is prepared for the (*name the knowledge test*).

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**49. Taking the flight instructor flight proficiency check to provide training if a different category or class of aircraft—(additional category/class): section 61.419 and section 61.409.**

I certify that (*First name, MI, Last name*) has received the required training in accordance with section 61.419 and section 61.409 and have determined he/she is prepared for a proficiency check for the flight instructor with a sport pilot rating in a (*aircraft category and class*).

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**50. Passing the flight instructor flight proficiency check to provide training in a different category or class of aircraft—(additional category/class): section 61.419 and section 61.409.**

I certify that (*First name, MI, Last name*) has met the requirements in accordance with section 61.419 and section 61.409. I have determined that he/she is proficient and authorized for the additional (*aircraft category and class*) flight instructor privilege.

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**51. Taking the flight instructor practical test: section 61.409 and section 61.411.**

I certify that (*First name, MI, Last name*) has received the required training of section 61.409 and met the aeronautical experience requirements of section 61.411. I have determined he/she is prepared for the flight instructor with a sport pilot rating practical test in a (*aircraft category and class*).

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**52. Passing the flight instructor practical test: section 61.409 and section 61.411.**

**NOTE: Required by section 61.417, issued by a DPE.**

I certify that (*First name, MI, Last name*) has met the requirements in accordance with section 61.409 and section 61.411. I have determined that he/she is proficient and authorized for the (*aircraft category and class*) flight instructor privilege.

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**53. Spin training: section 61.405(b)(1)(ii).**

I certify that (*First name, MI, Last name*) has received the required training of section 61.405(b)(1)(ii). I have determined that he/she is competent and possess instructional proficiency in stall awareness, spin entry, spins, and spin recovery procedures.

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**NOTE: This spin training endorsement is only required of flight instructor applicants for the airplane and glider ratings.**

**GROUND INSTRUCTOR ENDORSEMENT**

**54. Ground instructor who does not meet the recent experience requirements: section 61.217(b).**

I certify that (*First name, MI, Last name*) has demonstrated satisfactory proficiency on the appropriate ground instructor knowledge and training subjects of section 61.213(a)(3) and (a)(4).

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**NOTE: Signed by CFI or CGI, as appropriate; the expiration date would apply only to a CFI.**

**ADDITIONAL ENDORSEMENTS**

**55. Completion of a flight review: section 61.56(a) and (c).**

I certify that (*First name, MI, Last name*), (*pilot certificate*), (*certificate number*), has satisfactorily completed a flight review of section 61.56(a) on (*date*).

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**NOTE: No logbook entry reflecting unsatisfactory performance on a flight review is required.**

**56. Completion of a phase of an FAA-sponsored pilot proficiency award program (WINGS): section 61.56(e).**

I certify that (*First name, MI, Last name*), (*pilot certificate*), (*certificate number*), has satisfactorily completed Phase No. \_\_\_ of a WINGS program on (*date*).

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**57. Completion of an instrument proficiency check: section 61.57(d).**

I certify that (*First name, MI, Last name*), (*pilot certificate*), (*certificate number*), has satisfactorily completed the instrument proficiency check of section 61.57(d) in a (*list make and model of aircraft*) on (*date*).

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**NOTE: No logbook entry reflecting unsatisfactory performance on an instrument proficiency check is required.**

**58. To act as PIC in a complex airplane: section 61.31(e).**

I certify that (*First name, MI, Last name*), (*pilot certificate*), (*certificate number*), has received the required training of section 61.31(e) in a (*make and model of complex airplane*). I have determined that he/she is proficient in the operation and systems of a complex airplane.

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**59. To act as PIC in a high performance airplane: section 61.31(f).**

I certify that (*First name, MI, Last name*), (*pilot certificate*), (*certificate number*), has received the required training of section 61.31(f) in a (*make and model of high performance airplane*). I have determined that he/she is proficient in the operation and systems of a high performance airplane.

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**60. To act as PIC in a pressurized aircraft capable of high altitude operations: section 61.31(g).**

I certify that (*First name, MI, Last name*), (*pilot certificate*), (*certificate number*), has received the required training of section 61.31(g) in a (*make and model of pressurized aircraft*). I have determined that he/she is proficient in the operation and systems of a pressurized aircraft.

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**61. To act as PIC in a tailwheel airplane: section 61.31(i).**

I certify that (*First name, MI, Last name*), (*pilot certificate*), (*certificate number*), has received the required training of section 61.31(i) in a (*make and model of tailwheel airplane*). I have determined that he/she is proficient in the operation of a tailwheel airplane.

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**62. To act as PIC of an aircraft in solo operations when the pilot does not hold an appropriate category/class rating: section 61.31(d)(3).**

I certify that (*First name, MI, Last name*) has received the training as required by section 61.31(d)(3) to serve as a PIC in a (*category and class of aircraft*). I have determined that he/she is prepared to serve as PIC in that (*make and model of aircraft*).

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**63. Retesting after failure of a knowledge or practical test: section 61.49.**

I certify that (*First name, MI, Last name*) has received the additional (*flight and/or ground, as appropriate*) training as required by section 61.49. I have determined that he/she is prepared for the (*name the knowledge/practical test*).

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**NOTE: In the case of a failed knowledge test, the instructor may complete the endorsement in the space provided at the bottom of the applicant's airman knowledge test report. The instructor must sign the block provided for the instructor's recommendation on the reverse side of FAA Form 8710-1 application for each retake of a practical test.**

**64. Additional aircraft category or class rating (other than ATP): section 61.63(b) or (c).**

I certify that (*First name, MI, Last name*), (*pilot certificate*), (*certificate number*), has received the required training for an additional (*name the aircraft category/class rating*). I have determined that he/she is prepared for the (*name the practical test*) for the addition of a (*name the aircraft category/class rating*)

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**65. Type rating only, already holds the appropriate category or class rating (other than ATP): section 61.63(d)(2) and (3).**

I certify that (*First name, MI, Last name*) has received the required training of section 61.63(d)(2) and (3) for an addition of a (*name the type rating*).

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**66. Type rating concurrently with an additional category or class rating (other than ATP): section 61.63(d)(2) and (3).**

I certify that (*First name, MI, Last name*) has received the required training of section 61.63(d)(2) and (3) for an addition of a (*name the category/class/type rating*). I have determined that he/she is prepared for the (*name the practical test*) for the addition of a (*name the aircraft category/class/type rating*).

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**67. Type rating only, already holds the appropriate category or class rating (at the ATP level): section 61.157(b)(1).**

I certify that (*First name, MI, Last name*) has received the required training of section 61.157(b)(1) for an addition of a (*name the type rating*).

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**68. Type rating concurrently with an additional category or class rating (at the ATP level): section 61.157(b)(1).**

I certify that (*First name, MI, Last name*) has received the required training of section 61.157(b)(1) for an addition of a (*name the category/class/type rating*).

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**69. Launch procedures for operating a glider: section 61.31(j).**

I certify that (*First name, MI, Last name*), (*pilot certificate*), (*certificate number*), has received the required training in a (*list the glider make and model*) for (*list the launch procedure*). I have determined that he/she is proficient in (*list the launch procedure*).

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**70. Review of a home study curriculum: section 61.35(a)(1).**

I certify I have reviewed the home study curriculum of (*First name, MI, Last name*). I have determined he/she is prepared for the (*name the knowledge test*).

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**71. Experimental aircraft only—additional aircraft category or class rating (other than ATP): section 61.63(k).**

I certify that (*First name, MI, Last name*), (*pilot certificate*), (*certificate number*), as required by section 61.63(k) is proficient to act as PIC in a (*category, class, make, and model*) of experimental aircraft and has logged at least 5 hours flight time logged between September 1, 2004 and August 31, 2005 while acting as PIC in (*name the aircraft category/class rating and make and model*) that has been issued an experimental certificate.

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**72. Experimental aircraft only—additional aircraft category or class rating (ATP): section 61.165(f).**

I certify that (*First name, MI, Last name*), (*pilot certificate*), (*certificate number*), as required by section 61.165(f) is proficient to act as PIC in a (*category, class, make, and model*) of experimental aircraft and has logged at least 5 hours flight time logged between September 1, 2004 and August 31, 2005 while acting as PIC in (*name the aircraft category/class rating and make and model*) that has been issued an experimental certificate.

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05

**73. Aeronautical experience credit—ultralight vehicles: section 61.52.**

I certify, I have reviewed the records of (*First name, MI, Last name*), as required by section 61.52(c). I have determined he/she may use (*number of hours*) aeronautical experience obtained in an ultralight vehicle to meet the requirements for (*certificate/rating/privilege*).

/s/ [date] J. J. Jones 987654321CFI Exp. 12-31-05