

II.D. Logbook Entries Related to Instrument Instruction

References: 14 CFR part 61, Certification: Pilots and Flight and Ground Instructors (AC 61-65), Currency Requirements and Guidance for the Flight Review and Instrument Proficiency Check (AC 61-98)

Objectives	This lesson applies to the instructor. The instructor should understand how to log flight instruction as well as the endorsements required for IFR operations.
Key Elements	<ol style="list-style-type: none">1. Logging Time2. Endorsements
Elements	<ol style="list-style-type: none">1. Logbook Entries2. Practical test Recommendation3. IPC Endorsement4. Flight Instructor Records
Schedule	<ol style="list-style-type: none">1. Discuss Objectives2. Review material3. Development4. Conclusion
Equipment	<ol style="list-style-type: none">1. White board and markers2. References
IP's Actions	<ol style="list-style-type: none">1. Discuss lesson objectives2. Present Lecture3. Ask and Answer Questions4. Assign homework
SP's Actions	<ol style="list-style-type: none">1. Participate in discussion2. Take notes3. Ask and respond to questions
Completion Standards	The instructor is competent logging time and endorsing a student as necessary.

Instructors Notes:

Introduction:

Attention

Interesting fact or attention-grabbing story

Overview

Review Objectives and Elements/Key ideas

What

Logging time and signing off students for checkrides and instrument proficiency checks while maintaining the proper documentation.

Why

It's your job.

How:

1. Logbook Entries

- A. [FAR 61.51 \(g\)](#): Logging Instrument Flight Time
 - i. May log instrument time only for that flight time when the person operates the aircraft solely by reference to instruments under actual or simulated instrument flight conditions
 - ii. An instructor may log instrument time when instructing in actual IFR conditions
- B. A flight sim/FTD may be used for instrument time, provided an instructor is present
 - i. [FAR 61.51\(g\)](#): A person may use time in a full flight simulator, flight training device, or aviation training device for acquiring instrument aeronautical experience for a pilot certificate or rating provided an authorized instructor is present to observe that time and signs the person's logbook or training record to verify the time and the content of the training session.
 - ii. **Effective July 27, 2018, an instructor does not need to be present to accomplish required recency experience in a flight simulator or aviation training device. [FAR 61.51\(g\)\(5\)](#):
 - a. A person may use time in a full flight simulator, flight training device, or aviation training device for satisfying instrument recency experience requirements provided a logbook or training record is maintained to specify the training device, time, and the content (no instructor required)
 - iii. **Effective November 26, 2018, recency requirements accomplished in an ATD will expire every 6 months (rather than 2 months), and any combination of aircraft and ATD will be able to satisfy the recency requirements
- C. The following must be recorded in the logbook to meet the recent experience requirements ([FAR 61.57\(c\)](#)):
 - i. The location and type of instrument approach accomplished
 - ii. The name of the safety pilot, if required
 - iii. [FAR 61.51\(b\)](#) – Logbook Entries; Also enter
 - a. Date
 - b. Total Flight Time or Lesson Time
 - Location of Departure and Arrival (For a sim, where the lesson occurred)
 - c. Type and ID of aircraft, sim, FTD
 - d. Type of experience or training
 - e. Conditions of flight
- D. Ground Instruction

II.D. Logbook Entries Related to Instrument Instruction

- i. Must have received and logged ground training from an instructor on [FAR 61.65\(b\)](#)
 - a. [FAR 61.51\(h\)](#) – Logging Training Time
 - Training time must be logged in a logbook and must:
 - a. Be endorsed in a legible manner by the authorized instructor
 - b. And Include:
 - 1. Description of the training given
 - 2. Length of the training lesson
 - 3. Instructor’s signature, certificate number, and expiration date
2. **Practical Test Recommendation** ([AC 61-65](#))
 - A. Hold at least a Private Pilot Certificate
 - B. Read, speak, write, understand English
 - C. Receive and log ground training from an authorized instructor or accomplish a home study course of training the aeronautical knowledge areas of paragraph [FAR 61.65\(b\)](#)
 - D. Receive an endorsement certifying the person is prepared for the knowledge test and pass it
 - E. Receive and log training in the areas of operation of paragraph [FAR 61.65\(c\)](#)
 - F. Receive an endorsement certifying the person is prepared for the practical test
 - i. I certify that (____) has received the required training of section 61.65(c) and (d). I have determined he/she is prepared for the instrument airplane practical test.
 - ii. I certify that within the last 2 calendar months I have given Mr./Ms. [Name] the flight instruction required by [FAR 61.65\(c\)\(1\)](#) through (8) and ground instruction required by [FAR 61.65\(b\)\(1\)](#) through (10) including a review of those areas found deficient on the instrument pilot knowledge test and find him/her competent to perform each pilot operation safely as an Instrument Pilot in and Airplane
3. **IPC Endorsement**
 - A. I certify that (name), (pilot cert), (cert #), has satisfactorily completed the instrument proficiency check of section 61.57(d) in a (make and model aircraft) on (date)
4. **[FAR 61.189](#) – Flight Instructor Records**
 - A. A flight instructor must sign the logbook of each person the instructor has given flight or ground training
 - B. Must maintain a record of the name of each person endorsed for a knowledge or practical test
 - i. Also record the kind of test, the date, and the results
 - a. Maintain the records for at least 3 years

Conclusion:

Brief review of the main points

PTS Requirements:

To determine that the applicant exhibits instructional knowledge of logbook entries related to instrument instruction by describing:

1. Logbook entries or training records for instrument flight/instrument flight instruction or ground instruction given.
2. Preparation of a recommendation for an instrument rating practical test, including appropriate logbook entry.
3. Required endorsement of a pilot logbook for satisfactory completion of an instrument proficiency check.
4. Required flight instructor records.