

Endorsements and Pilot Qualifications

Student Pilots, 61 Subpart C

Student Pilots (61 Subpart C)

61.83 Eligibility

- Must be 16
- Read write and understand English
 - ICAO Level 4 English
 - See AC 60-28B, Appendix A for evaluation
- 3rd Class Medical, or BasicMed
- Student pilot application via IACRA

Student Pilots (61 Subpart C)

61.87 Initial solo

- In order to solo, a student pilot needs to
 - A student pilot certificate
 - Take a pre-solo knowledge test, given by the endorsing instructor
 - Need training on the items in 61.87d, the "15 things"
 - A 90-day solo endorsement

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61.87 Pre-solo knowledge test

- Test must be a written or online test:
 - Applicable sections of parts 61 and 91 of this chapter;
 - Airspace rules and procedures for the airport where the solo flight will be performed; and
 - Flight characteristics and operational limitations for the make and model of aircraft to be flown.
- Provide the **A.3 endorsement**

I certify that [First name, MI, Last name] has satisfactorily completed the pre-solo knowledge test of § 61.87(b) for the [make and model (M/M)] aircraft.

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61.87 Pre-solo training areas

- Items listed in [61.87d](#) (the "15 things")
- Demonstrate proficiency in make/model OR similar make/model
- Provide the **A.4 endorsement**

A4. I certify that [First name, MI, Last name] has received and logged pre-solo flight training for the maneuvers and procedures that are appropriate to the [M/M] aircraft. I have determined they have demonstrated satisfactory proficiency and safety on the maneuvers and procedures required by § 61.87 in this or similar make and model of aircraft to be flown.



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61.87 Solo Endorsement

- Provide the **A.6 endorsement**, good for 90 days
- Past the first 90 days, you would give the **A.7 endorsement**
- Good for 90 days, limited to a single make + model
- Instructor can add any limitation they desire to the endorsement

A6. I certify that [First name, MI, Last name] has received the required training to qualify for solo flying. I have determined they meet the applicable requirements of § 61.87(n) and are proficient to make solo flights in [M/M].

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61.89 General limitations

- No passengers
- No compensation or hire
- Flight visibility > 3 s.m. in the day, > 5 s.m. at night
- Need visual reference to the surface
- Cannot fly contrary to any instructor limitation

Student Pilots (61 Subpart C)

61.93 Solo XC

- Prior to the Solo XC endorsement, student can only
 - Fly within 25nm of their origin
 - Land at their home airport

Student Pilots (61 Subpart C)

61.93 Repeated Flights to airport within 25nm

- Don't need solo XC training
- Instructor gives training on
 - Flying to and from the airport
 - Entering and existing the traffic pattern
 - Takeoffs and landings
- The purpose must be for takeoff and landing practice at the airport
- Instructor provides the **A.8 endorsement** for the specific airport

A8. I certify that [First name, MI, Last name] has received the required training of § 61.93(b)(1). I have determined that they are 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.]

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61.93 Solo XC Training

- Must receive training on XC maneuvers and procedure listed in [61.93e](#) (the "12 things")
- Provide the **A.9 endorsement**
- Then, for each XC flight they must be given a specific **A.10 endorsement**, ensuring:
 - The student's flight planning is correct
 - Flight can be completed in VFR
 - Student is proficient and has a current 90-day endorsement (A.6 or A.7)



A9. I certify that [First name, MI, Last name] has received the required solo cross-country training. I find they have met the applicable requirements of § 61.93 and are proficient to make solo cross-country flights in a [M/M] aircraft, [aircraft category].

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61.93 Solo XC Checklist

1. A pre-solo knowledge test and **A.3 endorsement**
2. Flight training per 61.87d and **A.4 endorsement**
3. 90-solo flight endorsement, **A.6** (initial) or **A.7** (recurring)
4. Flight training on 61.93e and a **A.9 endorsement**
5. Endorsement for the specific XC flight to be completed: **A.11 endorsement**

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Repeated flights within 50nm

- Usually you need to provide and A.10 endorsement for *each* flight
- However, students can make repeated flights to airports within 50nm provided you:
 - Fly with them to/from the airport
 - Enter the traffic pattern
 - Do takeoffs/landings
 - Provide the **A.11 endorsement**

A11. 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 they are proficient of § 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.]

Knowledge Check: Joann

After training with another instructor and completing their first solo, Joann wants to finish her private pilot training with you as her instructor. She holds a student pilot certificate and a 3rd class medical, and an 90 day solo endorsement given by their old instructor. You will fly in the same make/model of aircraft as the previous instructor.

In order to perform a solo cross country flight, what flight training and endorsements will you need to provide?

Knowledge Check: Joann

1. A pre-solo knowledge test and A.3 endorsement - other instructor endorsement ok
2. Flight training per 61.87d and A.4 endorsement - other instructor endorsement ok
3. 90-solo flight endorsement, A.7 (recurring) - other instructor ok, until 90 days is up
4. Flight training on 61.93e and a A.9 endorsement - give this
5. Endorsement for the specific XC flight to be completed: A.10 - give this

Student Pilots (61 Subpart C)

61.95 Solo in Class B Airspace

- Students can be endorsed to fly in a *specific* Class B airspace
 - Requires the A.12 endorsement for flight in Class B airspace
 - Requires the A.13 endorsement for flight landing/departing from the primary airport (or an outlying airport)
- Some airports require a PPL or higher to operate at the airport (the "dirty dozen")
 - These are listed in [Part 91 Appendix D, Section 4](#)
 - Atlanta, GA; Chicago, IL TX; Los Angeles, CA; New York, NY; New York, NY; etc.
 - Students can still operate in the airspace, however
- Class B endorsements have a 90 day limit