

CFI Bootcamp

Flight Instructor Training

Part 61 FARs

FAR Subpart C Student Pilots

Part 61 FARs

Subpart C – Student Pilots
Part 61 FARs

§ 61.83 – Eligibility Requirements for Student Pilots

At least 16 years old to hold a student pilot certificate

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§ 61.83 – Eligibility Requirements for Student Pilots

Able to read, speak, write, and understand English

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§ 61.83 – Eligibility Requirements for Student Pilots

3rd Class Medical/Basic Med unless Pursuing Sport Pilot

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§ 61.85 – Student Pilot Application

The CFI must test the student to Level 4 ICAO English

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§ 61.85 – Student Pilot Application

AC 60-28B – Link to examples of people speaking at different ICAO levels

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§ 61.85 – Student Pilot Application

CFI Submits application via IACRA or paper

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§ 61.85 – Student Pilot Application

Student certificate is sent in a few days via email – Plastic card will be mailed

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§ 61.87 – Solo Requirements for Student Pilots

The instructor *who solos the student* must:

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§ 61.87(b) – Solo Requirements for Student Pilots

Give a Knowledge test and resolve incorrect answers

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§ 61.87(b) – Solo Requirements for Student Pilots

The knowledge test must include the following:

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§ 61.87(b) – Solo Requirements for Student Pilots

Applicable sections of FAR part 61 and part 91

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§ 61.87(b) – Solo Requirements for Student Pilots

Airport - Airspace/procedures where the solo occur

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§ 61.87(b) – Solo Requirements for Student Pilots

Flight characteristics and operational limitations for the make and model of aircraft to be flown

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§ 61.87 – Solo Requirements for Student Pilots

The instructor must ensure the student has received and logged flight training and...

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§ 61.87 – Solo Requirements for Student Pilots

...Demonstrated satisfactory proficiency and safety on:

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§ 61.87(d) – Solo Requirements for Student Pilots

The “15 things” listed in § 61.87(d)(1-15)

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§ 61.87(d) – Solo Requirements for Student Pilots

1. Preflight planning and prep, powerplant operation and aircraft systems

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§ 61.87(d) – Solo Requirements for Student Pilots

2. Taxiing or surface operations, including runups

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§ 61.87(d) – Solo Requirements for Student Pilots

3. Takeoffs/landings, including normal and crosswind

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§ 61.87(d) – Solo Requirements for Student Pilots

4. Straight and level flight and turns in both directions

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§ 61.87(d) – Solo Requirements for Student Pilots

5. Climbs and climbing turns

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§ 61.87(d) – Solo Requirements for Student Pilots

6. Traffic patterns – entry and departures

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§ 61.87(d) – Solo Requirements for Student Pilots

7. Collision, windshear, wake turbulence avoidance

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§ 61.87(d) – Solo Requirements for Student Pilots

8. Descents with/without turns using high/low drag

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§ 61.87(d) – Solo Requirements for Student Pilots

9. Flight at various airspeeds - cruise to slow flight

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§ 61.87(d) – Solo Requirements for Student Pilots

10. Stalls from various attitudes/power – Recovery at first indication and from a full stall

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§ 61.87(d) – Solo Requirements for Student Pilots

11. Emergency procedures/equipment malfunctions

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§ 61.87(d) – Solo Requirements for Student Pilots

12. Ground reference maneuvers

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§ 61.87(d) – Solo Requirements for Student Pilots

13. Simulated engine malfunctions to a landing area

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§ 61.87(d) – Solo Requirements for Student Pilots

14. Slips to a landing

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§ 61.87(d) – Solo Requirements for Student Pilots

15. Go-arounds

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§ 61.87(d) – Solo Requirements for Student Pilots

However...

Tasks that the airplane can't do aren't required

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§ 61.87(d) – Solo Requirements for Student Pilots

i.e., descents with high/low drag configuration
- Some airplanes don't have flaps

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§ 61.87 – Solo Requirements for Student Pilots

Solo Checklist:

1. Student Pilot Certificate
2. 3rd Class Medical/Basic Med or DL if Sport
3. Knowledge test (finished/reviewed) – A.3
4. “15” things Proficient and Safe – A.4
5. 90-Day Endorsement for Make and Model – A.6

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§ 61.87 – Solo Requirements for Student Pilots

Endorse the logbook using AC 61-65:

Presolo Knowledge Test – A.3

Presolo Flight Training – A.4

Solo Flight – 1st 90 Calendar Day Period – M/M – A.6

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§ 61.87 – Solo Requirements for Student Pilots

The instructor can place limitations on any endorsement

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§ 61.87(o) – Solo Requirements for Student Pilots at Night

To authorize solo at night - specific training is required:

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§ 61.87(o) – Solo Requirements for Student Pilots

Night training

Navigation training

Night-specific solo endorsement – A.5

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§ 61.87(p) – Solo Requirements for Student Pilots

Additional 90-day solo endorsement – A.7:

Must fly with the student to determine safety/ proficiency

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§ 61.89 – Student Pilot General Limitations

Student pilots can't:

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§ 61.89 – Student Pilot General Limitations

Carry passengers

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§ 61.89 – Student Pilot General Limitations

Fly for compensation/hire or in furtherance of a business

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§ 61.89 – Student Pilot General Limitations

Fly during the day with flight visibility of less than 3sm

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§ 61.89 – Student Pilot General Limitations

Fly at night with flight visibility of less than 5sm

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§ 61.89 – Student Pilot General Limitations

Fly without maintaining visual reference to the surface

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§ 61.89 – Student Pilot General Limitations

Fly contrary to a limitation from an authorized instructor

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§ 61.89 – Student Pilot General Limitations

Instructor's can limit any endorsement – For example:
Wind, ceiling, times, duration of the endorsement, etc.

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§ 61.93 – Student Pilot Solo XC Requirements

Student solo cross-country requirements:

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§ 61.93 – Student Pilot Solo XC Requirements

A Student Pilot Can Fly:

< 25nm of the airport where they train

Can't *land* at another airport – Until endorsed

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§ 61.93 – Student Pilot Solo XC Requirements

For Student Pilots to Land at Other Airports < 25nm:

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§ 61.93 – Student Pilot Solo XC Requirements

An instructor must fly with them:

1. Over the route in both directions
2. Entered/exited the traffic pattern
3. Performed takeoffs/landings at the other airport

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§ 61.93 – Student Pilot Solo XC Requirements

Endorse per § 61.93(b)(1)

A.8 - AC 61-65

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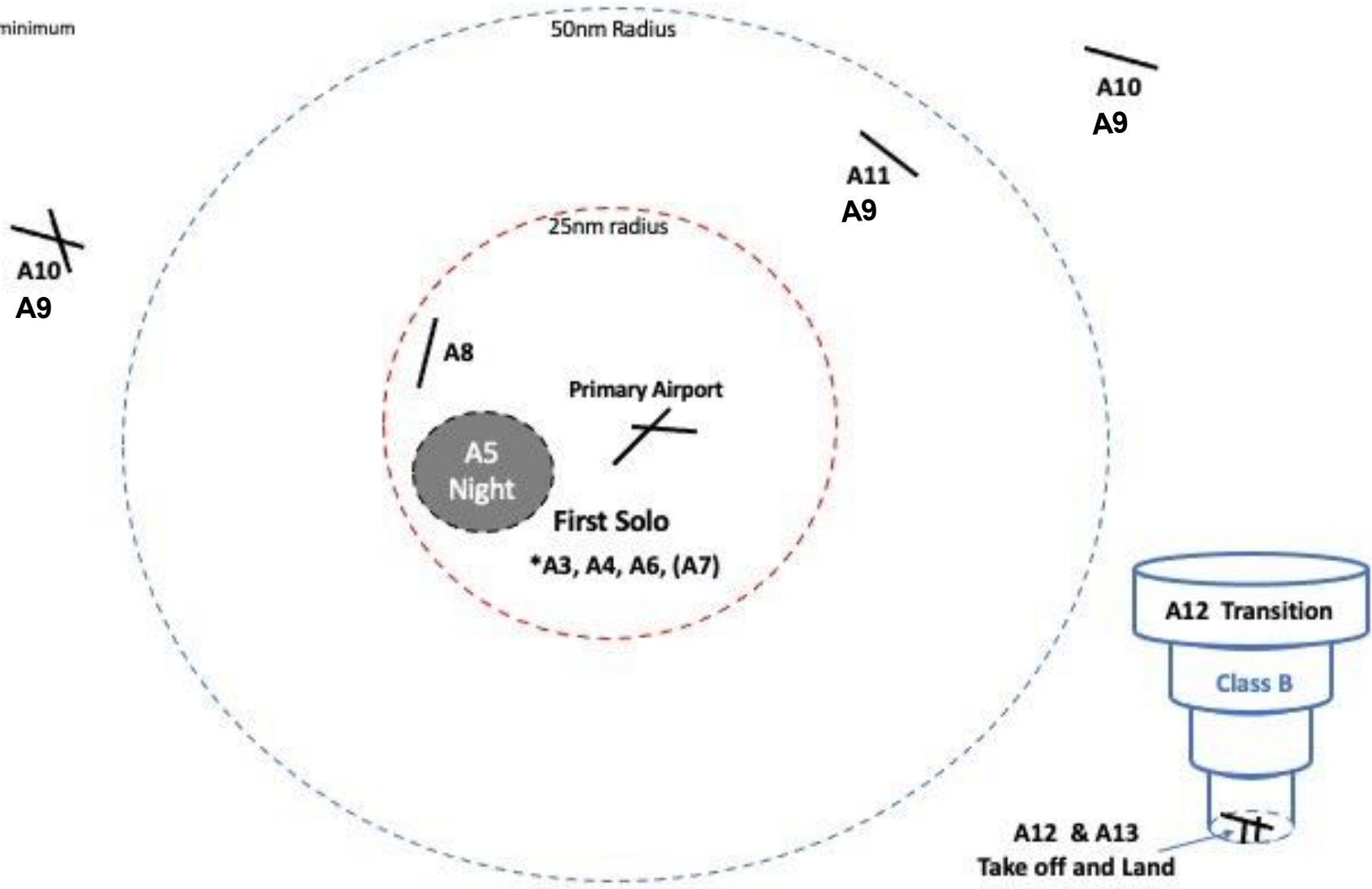
§ 61.93 – Student Pilot Solo XC Requirements

Reminder:

AC 61-65H (Pages 12 - 14) give detailed notes

Appendix Page A1 lists sample endorsements

*Must have these at a minimum to endorse AB-13



Endorsements required – Graphical AC 61-65H