

Lesson 12. Airworthiness requirements and the squawk decision

Ground 1.0 hr | Dual 0 hr | ACS AI.III.B

CFI CANDIDATE		DATE	SUPERVISING INSTRUCTOR	
AIRCRAFT	N41459 Warrior	Ground only	FLIGHT TIME	GROUND TIME

OBJECTIVE

The candidate can teach airworthiness determination, and can make the call themselves when a student walks up with a squawk. The outcome is that they neither launch a broken airplane nor ground a good one.

Both failure modes are real and the second is underrated. An instructor who grounds every airplane with a cosmetic defect teaches students that airworthiness is a feeling, costs the school availability, and eventually gets ignored.

LESSON STEPS: THE ELEMENTS, IN TEACHING ORDER

Check each element as it is taught. Leave anything not done blank. Sign once at the bottom.

1.	The pilot in command's responsibility for airworthiness 91.7
2.	Required documents on board 91.203
3.	Required instruments and equipment 91.205
4.	Required inspections: annual, 100-hour, transponder, altimeter and static, ELT 91.409, 91.413, 91.411, 91.207
5.	Maintenance records, and airworthiness directives 91.417, 91.405, 91.407
6.	Inoperative equipment: the 91.213 decision process, step by step 91.213
7.	Squawk scenario one, resolving to no-go Below
8.	Squawk scenario two, resolving to go Below
9.	Candidate teaches the decision process and decides a third scenario US-4.1, US-4.4

COMPLETION STANDARDS

- The candidate teaches the 91.213 decision process as a repeatable sequence, not a list of examples, for about ten minutes.
- The candidate decides an unseen third scenario and states the reasoning in the order the regulation sets, reaching a defensible go or no-go.
- Where the decision is no-go, the candidate offers an alternative that lets the student fly or makes clear when they can.
- The candidate distinguishes the regulatory threshold from North Aero's threshold and says which one is driving their decision.
- The candidate does not ground a legally airworthy aircraft without saying that is what they are doing and why.
- The candidate delivers a self-critique before hearing the instructor's.

DEBRIEF AND SIGN-OFF

Critique: the error, its probable cause, and the correction. Candidate self-critique first.

Sign once for the whole lesson. Elements left unchecked above were not taught this session.

SUPERVISING INSTRUCTOR SIGNATURE / INITIALS

DATE