

Lesson 21. Weather information and the taught briefing

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

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

OBJECTIVE

The completion standard is a delivered briefing on live weather, on the actual day of the lesson, for a flight that could actually be flown. Not a description of how to brief. A briefing.

That is US-4.5's requirement and it is what makes this skill transfer directly to a student briefing on the candidate's first day as an instructor.

LESSON STEPS: THE ELEMENTS, IN TEACHING ORDER

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

- Sources of weather information, and which are official
AI.III.C AIM
- Reading METAR and TAF, at speed
AI.III.C
- Winds and temperatures aloft, area forecasts, graphical products
AI.III.C
- AIRMETs, SIGMETs, convective SIGMETs, PIREPs
AI.III.C
- Radar and satellite: what the picture is and is not telling you
AI.III.C
- Hazardous weather: thunderstorms, icing, turbulence, fog, wind shear
AI.III.C
- Structuring a briefing for a student: big picture first, then the decision
FAA-H-8083-9B ch 5
- Candidate delivers a briefing on today's actual weather
US-4.5
- The go or no-go decision, and teaching a student to make it themselves
FI.I.F

COMPLETION STANDARDS

- The candidate delivers a briefing on live weather, for a stated flight, on the day of the lesson. This is the completion standard and nothing substitutes for it.
- The briefing leads with the shape of the day, then the specifics affecting this flight, rather than reciting products in order.
- The candidate reaches a go or no-go and states the reasoning, including what would change the answer.
- The candidate names the specific hazard most relevant to today, rather than listing all six.
- The candidate says how they would have the student reach that decision rather than delivering it to them, on a later flight.
- The candidate distinguishes official from unofficial sources when asked.
- 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