

Lesson 32. Checkride Prep: Ground Knowledge Week 3 (Task C) + Solo Practice

Pre-Flight: 2.5 hr | Dual: 0 hr | Solo: 1.5 hr | Post-Flight: 0.5 hr

STUDENT		DATE		INSTRUCTOR
AIRCRAFT	N41459 Warrior	N1302B Luscombe	Ground only	
	FLIGHT TIME	GROUND TIME		

OBJECTIVE

Ground: Task C (Weather) covers weather theory (fronts, stability, fog, icing, thunderstorms) and weather services (METARs, TAFs, PIREPs, AIRMETs, SIGMETs, GFA, winds aloft). Solo flight focuses on maneuver deficiencies identified in Flights 1 and 2.

LESSON STEPS

Check each step as it is completed. Leave anything not done blank. Sign and date once at the bottom.

1. Ground Training - Task C: Weather Theory

PA.I.C PA.I.A PA.I.B

2. a. Atmospheric composition and circulation

3. b. Wind patterns and pressure systems

4. c. Frontal systems and associated weather

5. d. Stability, cloud formation, and precipitation

6. e. Fog types and formation

7. f. Icing hazards and avoidance

8. g. Thunderstorm hazards and avoidance

9. Ground Training - Task C: Weather Services

PA.I.C

10. a. METAR/SPECI decoding and interpretation

11. b. TAF decoding and interpretation

12. c. PIREPs (UA/UUA) and their value

13. d. AIRMETs and SIGMETs

14. e. Graphical Forecast for Aviation (GFA)

15. f. Winds and temperatures aloft

16. g. Convective outlook and radar interpretation

17. h. Practical weather scenarios (3 go/no-go decisions)

18. Solo practice on deficient maneuvers from Flights 1 and 2 - Do

19. Steep turns (if deficient) - Do

PA.V.A

20. Slow flight and stalls (if deficient) - Do

PA.VII.A PA.VII.B PA.VII.C

21. Ground reference maneuvers (if deficient) - Do

PA.V.B

22. Short-field operations (if deficient) - Do

PA.IV.E PA.IV.F

23. Traffic pattern operations - Do

PA.III.B PA.IV.A PA.IV.B

24. After landing and securing - Do

PA.XII.A

25. Postflight self-debrief and homework

ITEMS NEEDED FOR SUCCESS

- Task C Study Guide
- PHAK Chapters 12-13
- Current METARs and TAFs for practice
- Weather charts
- ACS standards reference

COMPLETION STANDARDS

Homework

Weather Handbook 8083-28A

PHAK Ch 12-13

AC 91-74B

AC 91-92

Realm of Flight PDF

Task C Study Guide

Weather Theory and Services Homework

3 weather scenario exercises

DEBRIEF AND SIGN-OFF

What went well, what to work on next lesson.

Sign once for the whole lesson. Steps left unchecked above were not completed this session.

INSTRUCTOR SIGNATURE / INITIALS

DATE