

Lesson 33. Checkride Prep: Ground Knowledge Week 4 (Tasks D, E, F) + Flight Review

Pre-Flight: 2.5 hr | Flight Time: 2.0 hr | Post-Flight: 0.5 hr

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

OBJECTIVE

Ground: Task D (Cross-Country Flight Planning) covers E6B/CX3, nav log, flight plan, weight and balance, fuel planning. Task E (National Airspace System) covers all airspace classes, special use airspace, TFRs. Task F (Performance and Limitations) covers density altitude, performance charts, weight and balance. Flight: Review all deficiencies from Flights 1 and 2, practice all maneuvers.

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 D: Cross-Country Flight Planning

PA.I.D

2. a. E6B/CX3 flight computer operations

3. b. Navigation log preparation

4. c. VFR flight plan filing

5. d. Weight and balance computation

6. e. Fuel planning and management

7. f. Chart interpretation and route selection

8. Ground Training - Task E: National Airspace System

PA.I.E

9. a. Airspace classes (A, B, C, D, E, G) - requirements and dimensions

10. b. Special use airspace (prohibited, restricted, MOA, alert, warning)

11. c. Other airspace (TFRs, ADIZ, FRZ, wildlife refuges)

12. d. VFR cloud clearance and visibility requirements

13. e. Special VFR

14. Ground Training - Task F: Performance and Limitations

PA.I.F

15. a. Density altitude effects on performance

16. b. Takeoff and landing distance charts

17. c. Climb and cruise performance charts

18. d. Weight and balance limits and calculations

19. e. Effects of weight on performance

20. Preflight inspection - Do

PA.II.A PA.I.A PA.I.B

21. Engine start and taxi - Do

PA.II.C PA.II.D

22. Pre-takeoff check - Do

PA.II.F

23. Radio communications with flight following - Do

PA.III.A PA.VIII.F

24. Normal takeoff and climb - Do

PA.IV.A

25. Review deficient maneuvers from Flights 1 and 2 - Practice (as needed)

26. Diversion practice - Practice

PA.VI.C

27. Lost procedures practice - Practice

PA.VI.D

28. Pilotage and dead reckoning - Practice

PA.VI.A

29. Navigation systems review - Practice

PA.VI.B

30. Instrument work (straight-and-level, climbs, descents, turns to headings) - Practice

PA.VIII.A PA.VIII.B PA.VIII.C PA.VIII.D

31. Recovery from unusual attitudes - Practice

PA.VIII.E

32. Normal approach and landing - Do

PA.IV.B

33. After landing and securing - Do

PA.XII.A

34. Postflight debrief and homework

ITEMS NEEDED FOR SUCCESS

- ACS standards reference
- E6B or CX3 flight computer
- Plotter
- Sectional Chart
- Task D/E/F Study Guides
- PHAK Chapters 10-11 and 15-16
- View-limiting device

COMPLETION STANDARDS

Homework

PHAK Ch 10-11, 15-16

CX3/E6B manual

AC 91-79B

Aviation Chart User Guide

North Aero Airspace Video

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