

Lesson 23. Night Cross-Country (Dual)

Pre-Flight: 1.5 hr | Flight Time: 3.0 hr | Post-Flight: 0.5 hr

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

OBJECTIVE

Student plans and executes a night cross-country flight over 100nm. Satisfies 61.109(a)(2) night XC requirement. Builds on Lesson 20 night experience. Practices night navigation, flight following, and night operations at unfamiliar airports.

LESSON STEPS

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

1. Night XC flight planning (nav log, W&B, fuel with night reserves) - Do

PA.I.D PA.I.F

2. Weather briefing with attention to night-specific hazards - Do

PA.I.C

3. Night preflight inspection - Do

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

4. Engine start with cockpit lighting configured - Do

PA.II.C

5. Night taxi and runway identification - Do

PA.II.D PA.XI.A

6. Pre-takeoff check - Do

PA.II.F

7. Request flight following - Do

PA.VIII.F

8. Night takeoff and climb - Practice

PA.IV.A PA.XI.A

9. Night pilotage and dead reckoning (lighted landmarks) - Directed performance

PA.VI.A PA.XI.A

10. VOR/GPS navigation at night - Practice

PA.VI.B

11. Radio communications with ATC at night - Do

PA.III.A

12. Night approach and landing at unfamiliar airport - Directed performance

PA.IV.B PA.XI.A

13. Night departure from unfamiliar airport - Practice

PA.IV.A

14. Return leg night navigation - Practice

PA.VI.A PA.VI.B

15. Night normal approach and landing - Practice

PA.IV.B PA.XI.A

16. After landing, parking, and securing - Do

PA.XII.A

17. Postflight discussion: night XC debrief

ITEMS NEEDED FOR SUCCESS

- Completed nav log
- Sectional Chart
- Plotter
- E6B/CX3
- Weather briefing
- Flashlight (red lens)
- Extra batteries
- Airport Facility Directory

COMPLETION STANDARDS

Meet the objective above. Each step is complete when performed to the standard of the lesson.

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