

Lesson 25. Solo Cross-Country: 100nm+ Requirement

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 the long solo cross-country meeting 61.109(a)(5) requirements: total distance over 150nm with full-stop landings at minimum 3 points and one segment of at least 50nm between takeoff and landing locations.

LESSON STEPS

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

1. Long XC flight planning (multi-leg nav log, W&B, fuel for all legs) - Do

PA.I.D PA.I.F

2. Weather briefing for entire route and alternates - Do

PA.I.C

3. NOTAM and TFR check for all airports - Do

PA.I.E

4. Preflight inspection - Do

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

5. Engine start and taxi - Do

PA.II.C PA.II.D

6. Pre-takeoff check - Do

PA.II.F

7. Request flight following - Do

PA.VIII.F

8. Normal takeoff and climb - Do

PA.IV.A

9. Pilotage and dead reckoning (multi-leg) - Do

PA.VI.A

10. VOR/GPS navigation - Do

PA.VI.B

11. Radio communications (multiple frequencies) - Do

PA.III.A

12. Landing at intermediate airports (full stop) - Do

PA.IV.B

13. Departures from intermediate airports - Do

PA.IV.A

14. Fuel management across multiple legs - Do

15. Return and normal approach/landing - Do

PA.IV.B

16. After landing, parking, and securing - Do

PA.XII.A

17. Postflight self-debrief and nav log accuracy review

ITEMS NEEDED FOR SUCCESS

- Multi-leg nav log
- Sectional Chart
- Plotter
- E6B/CX3
- Weather briefing
- Airport Facility Directory for all airports
- W&B worksheet
- Solo XC endorsement verified

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