

Lesson 16. Night Flight: Local Area and Landings

Pre-Flight: 1.0 hr | Flight Time: 1.5 hr | Solo: 0.5 hr

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

OBJECTIVE

First night flight lesson. Student becomes familiar with night environment, night preflight, night illusions, and night takeoffs/landings. Go-around practice at night. Meets partial 61.109(a)(2) night requirements.

LESSON STEPS

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

Preflight discussion: night flying rules, physiology, illusions - Do

PA.I.H PA.XI.A PA.I.A PA.I.B

Night preflight inspection (flashlight inspection, lighting check) - Directed performance

PA.II.A PA.XI.A

Engine start with cockpit lighting setup - Do

PA.II.C

Night taxi procedures - Directed performance

PA.II.D

Pre-takeoff check - Do

PA.II.F

Radio communications - Do

PA.III.A

Night takeoff and departure - Directed performance

PA.IV.A PA.XI.A

Local area familiarization at night (visual references, landmarks) - Directed performance

PA.XI.A

Steep turns at night - Practice

PA.V.A

Night traffic pattern operations - Directed performance

PA.III.B PA.XI.A

Night normal approach and landing (multiple) - Directed performance

PA.IV.B PA.XI.A

Night go-around - Directed performance

PA.IV.N

Night emergency procedures discussion - Directed performance

PA.IX.C

Solo night takeoffs and landings (minimum 3) - Do

PA.IV.A PA.IV.B PA.XI.A

After landing, parking, and securing - Do

PA.XII.A

ITEMS NEEDED FOR SUCCESS

- Preflight planning documents
- Airport Diagram
- Frequency quick list
- Flashlight (red lens)
- Extra batteries
- Cockpit lighting check

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