

# Stage II - Private Pilot Flight Lesson 16

Dual - Night Local (1.0)

# Leading Edge Aviation

Version 2015

Student Name \_\_\_\_\_

### Lesson Objective:

- Introduce the special operational considerations associated with night flying.
- Practice night takeoffs, climbs, traffic patterns, approaches and landings.
- Emphasize the physiological factors and additional planning associated with the night environment.

### Preflight Discussion:

- Aeromedical Factors
- CFIT Awareness and Wire Strike Avoidance
- Visual Illusions
- Night Scanning/Collision Avoidance
- Aircraft, Airport, and Obstruction Lighting
- Personal Equipment

### Introduce:

### Satisfactory

### Needs Improvement

Preparation for Night Flying _____	<input type="checkbox"/>	<input type="checkbox"/>
Cockpit Management _____	<input type="checkbox"/>	<input type="checkbox"/>
Flight Planning Considerations _____	<input type="checkbox"/>	<input type="checkbox"/>
Use of Checklists _____	<input type="checkbox"/>	<input type="checkbox"/>
Airworthiness Requirements _____	<input type="checkbox"/>	<input type="checkbox"/>
Preflight Inspection _____	<input type="checkbox"/>	<input type="checkbox"/>
Airport Lighting _____	<input type="checkbox"/>	<input type="checkbox"/>
Taxiing _____	<input type="checkbox"/>	<input type="checkbox"/>
Before Takeoff Check _____	<input type="checkbox"/>	<input type="checkbox"/>
Normal and Short-Field Takeoffs and Climbs _____	<input type="checkbox"/>	<input type="checkbox"/>
VFR Navigation _____	<input type="checkbox"/>	<input type="checkbox"/>
Steep Turns _____	<input type="checkbox"/>	<input type="checkbox"/>
Maneuvering During Slow Flight _____	<input type="checkbox"/>	<input type="checkbox"/>
Stalls – Power-Off and Power-On _____	<input type="checkbox"/>	<input type="checkbox"/>
Normal and Short-Field Approaches and Landings _____	<input type="checkbox"/>	<input type="checkbox"/>
Soft-Field Takeoffs and Landings _____	<input type="checkbox"/>	<input type="checkbox"/>
Go-Around/Rejected Landing _____	<input type="checkbox"/>	<input type="checkbox"/>

### Completion Standards:

- Demonstrate an understanding of the importance of attitude control.
- Control altitude  $\pm$  150 feet during level turns, straight-and-level flight, and slow flight. Stall recoveries should be coordinated with a minimum loss of altitude.
- Complete 5 takeoffs and landings to a full stop with each landing involving flight in the traffic pattern.
- Perform stabilized approaches to landing and touch down at a predetermined area on the runway.

Note: The 10 takeoffs and landings to a full stop with each involving flight in the traffic pattern are a FAR Part 141 requirement. Five are scheduled for Flight Lesson 16 and the other five for Flight Lesson 18. However, this requirement may be accomplished with fewer than five during a flight, as long as the total of 10 is completed.

Pre\_\_\_\_\_, Post\_\_\_\_\_, PIC\_\_\_\_\_, Dual\_\_\_\_\_, Inst. \_\_\_\_\_, XC\_\_\_\_\_, Solo\_\_\_\_\_, Night\_\_\_\_\_, Day Land\_\_\_\_\_, Night Land\_\_\_\_\_

Aircraft Tail # \_\_\_\_\_

Instructor \_\_\_\_\_

Date \_\_\_\_\_

Student \_\_\_\_\_

Date \_\_\_\_\_