Stage II - Private Pilot
Flight Lesson 18
Dual - Night Cross-Country (2.0)

Leading Edge Aviation
Version 2015
Student Name _____

Note: A view limiting device is required for the .5 hours of dual instrument time allocated to Flight Lesson 18.

Note: The flight must include a total distance of more than 100 NM and a point of landing at a straight-line distance of more than 50 NM from the original point of departure.

Lesson Objective:
- Perform night navigation, attitude instrument flying, and emergency operations.
- Learn the importance of thorough planning and accurate navigation.
- Fly the mission with precise aircraft control and navigate with the accuracy required to successfully complete a night VFR cross-country flight.

Preflight Discussion:
- ☐ Single-Pilot Resource Management (Risk and Task Management, Situational and CFIT Awareness)
- ☐ Night Orientation, Navigation, and Chart Reading Techniques
- ☐ Weather Information
- ☐ Route Selection
- ☐ Altitude Selection
- ☐ Fuel Requirements
- ☐ Departure and Arrival Procedures

Introduce:	Satisfactory	Needs Improvement
Cockpit Management	☐	☐
Pilotage	☐	☐
Dead Reckoning	☐	☐
VOR, GPS, and ADF Navigation(VR-IR) (based of Acft. equipment)	☐	☐
Emergency Operations	☐	☐
Use of Unfamiliar Airports	☐	☐
Collision Avoidance Precautions	☐	☐
Wire Strike Avoidance	☐	☐
Diversion to Alternate	☐	☐
Lost Procedures	☐	☐

Review:		
Preparation for Night Flight	☐	☐
Aeromedical Factors	☐	☐
Flight Plan Considerations	☐	☐
Airport Lighting	☐	☐
Normal and Short-Field Takeoffs and Climbs	☐	☐
Autopilot Use	☐	☐
Maneuvering During Slow Flight (VR/IR)	☐	☐
Recovery from Unusual Flight Attitudes (IR)		
Normal and Short-Field Approaches and Landings	☐	☐
Soft-Field Takeoffs and Landings	☐	☐
Go-Around/Rejected Landing	☐	☐

Completion Standards:
- ☐ Demonstrate an understanding of night cross-country preparation and flight procedures, including the ability to maintain attitude by instrument reference.
- ☐ Navigate accurately and handle simulated emergency situations promptly, utilizing proper judgment.
- ☐ Complete 5 takeoffs and landings to a full stop with each involving flight in the traffic pattern with one at least one landing at a point that is a straight-line distance of more than 50 NM from the original point of departure.
- ☐ Demonstrate stabilized approaches to landing with touchdown at or near the appropriate touchdown area on the runway.

Pre_____, Post_____, PIC_____, Dual_____, Inst. _____, XC_____, Solo_____, Night_____,Day Land_____, Night Land_____

Aircraft Tail #_____

Instructor_____   Date_____

Student_____   Date_____