Stage III - Private Pilot
Flight Lesson 21
Solo - Cross Country (2.0)

Leading Edge Aviation
Version 2015
Student Name _____

Note: The flight should include three takeoffs and landings to a full stop with each landing involving flight in the traffic pattern at an airport with an operating control tower. However, at the instructor's discretion, this solo training requirement may be completed in other flight lessons.

Lesson Objective:
- Complete the scheduled cross-country flight to improve judgment and confidence when operating in unfamiliar areas.
- Competently execute cross-country procedures and comply with rules for flight within Class D airspace.

Preflight Discussion:
☐ Required Documents and Endorsements
☐ Basic VFR Weather Minimums
☐ Route of Flight/Alternates, Emergency Operations
☐ Lost Procedures
☐ Diversion
☐ ETA Estimates
☐ Fuel Requirements

☐ Aeronautical Charts and Publications that Apply to the Flight
☐ Airspace Rules Pertinent to the Planned Route of Flight
☐ Enroute Communications, ATC Services, and Pertinent Sources of Weather Information
☐ Aeronautical Decision Making
☐ Situational Awareness

Review: **Satisfactory**   **Needs Improvement**

Preflight Preparation
Aeronautical Decision-Maiking _____ ☐ _____ ☐
Task Management _____ ☐ _____ ☐
Situational Awareness_____ ☐ _____ ☐
Flight Plan Considerations _____ ☐ _____ ☐
National Airspace System _____ ☐ _____ ☐
Sectional Charts _____ ☐ _____ ☐
Flight Publications _____ ☐ _____ ☐
Route Selection_____ ☐ _____ ☐
Weather Information _____ ☐ _____ ☐
Fuel Requirements _____ ☐ _____ ☐
Performance and Limitations _____ ☐ _____ ☐
Weight and Balance _____ ☐ _____ ☐
Navigation Log _____ ☐ _____ ☐
FAA Flight Plan _____ ☐ _____ ☐
Aeromedical Factors _____ ☐ _____ ☐

Cross-Country Flight
Opening the Flight Plan_____ ☐ _____ ☐
Pilotage _____ ☐ _____ ☐
Dead Reckoning _____ ☐ _____ ☐
VOR, GPS, and ADF Navigation (based on aircraft equipment)_____ ☐ _____ ☐
Position Fix by Navigation Facilities _____ ☐ _____ ☐
Flight on Federal Airways _____ ☐ _____ ☐
Use of Unfamiliar Airports _____ ☐ _____ ☐
Estimates of Groundspeed and ETA_____ ☐ _____ ☐
Closing the Flight Plan _____ ☐ _____ ☐

Completion Standards:
- Safely complete the assigned cross-country flight.
- Revised in-flight ETAs at each checkpoint should not vary from the ATAs by more than ± 5 minutes.
- Perform at least one landing more that 50 n.m. from the departure airport.
- Complete three takeoff, and landings, with flight in the traffic pattern, at a controlled airport.

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

Aircraft Tail #_____

Instructor_____   Date_____

Student_____   Date_____