

# Stage II - Private Pilot Flight Lesson 19

Solo - Cross Country (2.5)

# Leading Edge Aviation

Version 2015

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

### Lesson Objective:

- Complete the solo cross-country Briefing flight.
- Plan and fly a solo cross-country flight.
- Devise alternatives to use if the flight cannot be completed as planned.
- Increase proficiency and confidence in solo and cross-country operations.
- The flight should include a point of landing that is at a straight-line distance of more than 50 nautical miles from the original point of departure.

### Preflight Discussion:

- |  |  |
|--|--|
| <input type="checkbox"/> Solo Cross-Country Briefing review            | <input type="checkbox"/> Emergency Operations          |
| <input type="checkbox"/> Required Documents and Endorsements           | <input type="checkbox"/> Lost Procedures               |
| <input type="checkbox"/> Basic VFR Weather Minimums and Airspace Rules | <input type="checkbox"/> Diversion                     |
| <input type="checkbox"/> Positive Aircraft Control                     | <input type="checkbox"/> Lost Communication Procedures |
| <input type="checkbox"/> Enroute Communication                         | <input type="checkbox"/> ATC Light Signals             |
| <input type="checkbox"/> ATC Services                                  | <input type="checkbox"/> Aeronautical Decision Making  |
| <input type="checkbox"/> Enroute Weather Information                   | <input type="checkbox"/> Resource Use                  |
| <input type="checkbox"/> VFR Position Report                           | <input type="checkbox"/> Workload Management           |

### Review:

Complete

Incomplete

Flight Plan Considerations _____	<input type="checkbox"/>	<input type="checkbox"/>
National Airspace System _____	<input type="checkbox"/>	<input type="checkbox"/>
Sectional Charts _____	<input type="checkbox"/>	<input type="checkbox"/>
Flight Publications _____	<input type="checkbox"/>	<input type="checkbox"/>
Route Selection _____	<input type="checkbox"/>	<input type="checkbox"/>
Weather Information _____	<input type="checkbox"/>	<input type="checkbox"/>
Fuel Requirements _____	<input type="checkbox"/>	<input type="checkbox"/>
Performance and Limitations _____	<input type="checkbox"/>	<input type="checkbox"/>
Weight and Balance _____	<input type="checkbox"/>	<input type="checkbox"/>
Navigation Log _____	<input type="checkbox"/>	<input type="checkbox"/>
FAA Flight Plan _____	<input type="checkbox"/>	<input type="checkbox"/>
Aeromedical Factors _____	<input type="checkbox"/>	<input type="checkbox"/>

### Cross-Country Flight

Opening the Flight Plan _____	<input type="checkbox"/>	<input type="checkbox"/>
VOR, GPS, and ADF Navigation (based on aircraft equipment) _____	<input type="checkbox"/>	<input type="checkbox"/>
Position Fix by Navigation Facilities _____	<input type="checkbox"/>	<input type="checkbox"/>
Pilotage _____	<input type="checkbox"/>	<input type="checkbox"/>
Dead Reckoning _____	<input type="checkbox"/>	<input type="checkbox"/>
Flight on Federal Airways _____	<input type="checkbox"/>	<input type="checkbox"/>
Use of Unfamiliar Airports _____	<input type="checkbox"/>	<input type="checkbox"/>
Estimates of Groundspeed _____	<input type="checkbox"/>	<input type="checkbox"/>
Estimates of ETA _____	<input type="checkbox"/>	<input type="checkbox"/>
Closing the Flight Plan _____	<input type="checkbox"/>	<input type="checkbox"/>

### Completion Standards:

- Demonstrate accurate planning and conduct of a VFR cross-country flight, including accurate navigation.
- Exhibit an understanding of unfamiliar airport operations.
- Perform at least one landing more than 50 n.m. from the departure airport.

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

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

Instructor \_\_\_\_\_

Date \_\_\_\_\_

Student \_\_\_\_\_

Date \_\_\_\_\_