

Stage III Private Pilot Flight Lesson 22

Solo - Cross-Country (4.0)

Leading Edge Aviation

Version 2015

Student Name _____

Lesson Objective:

- Complete the long cross-country flight requirement, which includes a flight of at least 10 NM total distance, with landings at a minimum of three points, including a straight-line segment more than 50 NM between takeoff and landing locations.
- Competently execute cross-country procedures and comply with rules for flight within Class D airspace.

Preflight Discussion:

- Conduct of the Planned Flight
- Cockpit Management, Decision Making, and Judgment
- FAA Flight Plan (How to Open, Close, or Amend)
- Emergency Operations
- Enroute Communications and Facilities
- In-Flight Weather Analysis
- Unfamiliar Airport Operations

Review:

Preflight Preparation

	Complete	Incomplete
Flight Planning 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 and closing the Flight Plan _____	<input type="checkbox"/>	<input type="checkbox"/>
VOR, GPS, and ADF Navigation (based on aircraft equipment) _____	<input type="checkbox"/>	<input type="checkbox"/>
Pilotage _____	<input type="checkbox"/>	<input type="checkbox"/>
Dead Reckoning _____	<input type="checkbox"/>	<input type="checkbox"/>
Estimates of Groundspeed _____	<input type="checkbox"/>	<input type="checkbox"/>
Estimates of ETA _____	<input type="checkbox"/>	<input type="checkbox"/>
Use of Controlled Airports _____	<input type="checkbox"/>	<input type="checkbox"/>
Use of CTAF/UNICOM Airports _____	<input type="checkbox"/>	<input type="checkbox"/>

Note: Due to the amount of time needed to complete this cross-country flight, the lesson may be conducted as two flights. If this is done, and in order for the flight to be classified as cross-country, each flight must include a landing more than 50 n.m. from the departure airport.

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.

Completion Standards:

- Demonstrate cross-country proficiency by completing the flight as planned and without incident.
- Review the navigation log during the post flight evaluation to determine whether it was completed and used correctly.
- The cross-country flight must include a distance of over 100 n.m. with landings at a minimum of three points, including at least one segment of the flight consisting of straight-line distance of more than 50 n.m. between takeoff and landing locations.
- Successfully accomplish the three traffic pattern, takeoff, and landing requirements at a controlled airport. (if not completed on previous solo flights)

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

Aircraft Tail # _____

Instructor _____

Date _____

Student _____

Date _____