

Stage 2

Flight Maneuvers and Aeronautical Knowledge To Solo

Objective:

The objective of Stage 2 is for the student to become proficient in and to have an understanding of the following:

Ground Training:

- Performance factors
- Weight and balance
- Operational weather concerns
- Obtaining a weather briefing
- Charts and airspace
- Airports and airport operations
- Using the flight computer and navigation plotter
- Weight and balance
- Regulations
- Aeronautical Decision Making/Risk management procedures

Flight Training:

- Pre-solo maneuvers (per 14 CFR § 61.87)
- Performance maneuvers
- Ground reference maneuvers
- Traffic pattern and airport operations
- Emergency situations
- Normal and crosswind takeoffs and landings
- Scenario-based situations for above-listed tasks
- Solo flight

Student Pilot Certificate:

A student pilot or medical certificate is required to solo, which is the objective of this stage of training. The student should obtain a student pilot certificate from an FAA-designated sport pilot examiner (DPE) or a medical/student pilot certificate to solo from an airman medical examiner (AME), in advance of Lesson 11, when the student pilot certificate is required to solo.

Completion Standards:

Stage 2 is complete when the student achieves the objective of each lesson and can list or describe the correct process or reference for accomplishing required elements, exercises, and activities. Student shall score at least 70% on the Stage 2 pre-solo written exam, and all deficient areas shall be reconciled to 100%.