

1a

Preflight Planning/Overview

Lesson Objective

The student will become familiar with the preparation required before walking out to the flight line. This includes weather preparation, understanding weather services, go/no decision, required documents for the pilot.

Regulatory Requirement

Pre-Solo pilot (Student Pilot and Transition Pilots): [§61.87\(i\)\(1\)](#)

Private Pilot Test Candidate: [PTS](#) Area of Operation IA, IB

Content

- Collecting information required for this flight
- Weather Information systems
- Required Documents in possession of the pilot

Completion Standards

When complete, the student will

- use the [online Flight Service Station](#) briefing or dial 1-800-WX-BRIEF to obtain a weather briefing
- understand the concept of a go/no-go decision based on weather briefing information
- be able to explain the hazards associated with flight in the vicinity of thunderstorms
- exhibit knowledge pertaining to required documents when acting as a pilot in command (pilot's license, photo ID).

Homework for Pre-Solo

- "Glider Flight Training Manual" by Thomas Knauff page VIII
- [14 CFR §91.103](#) Preflight action

Homework for Solo to Private

- [Glider Flying Handbook](#) (2013) -- page 9-21 Obtaining Weather Information
- Register as a FSS (Flight Service Station) user for their online pre-flight briefing services. Before your checkride, you will be expected to independently obtain briefings. Register at the Lockheed Martin Flight Service site, (<https://www.1800wxbrief.com>).

Further Reading

- [PowerPoint](#) 03B(a,b,c) Weather
- FAA [Pilot's Handbook of Aeronautical Knowledge](#), Ch 11 & 12
- [Practical Soaring Weather Forecasting](#)
- FAA Advisory Circular [AC00-6A Aviation Weather for Pilots](#)
- FAA Advisory Circular [AC00-45G Aviation Weather Services](#)
- [CFIG Lesson Plan Notes](#)