
Weather Information

Aviation Instructor's Lesson Plan

OBJECTIVE This lesson will develop the student's ability to locate and interpret weather information appropriate to the type of flight planned, whether IFR or VFR, by the practice of analyzing weather reports, charts, and forecasts from various sources.

ELEMENTS

Weather Services

- METAR, TAF, and FA
- Surface analysis chart
- Radar summary chart
- Winds and temperature aloft chart
- Significant weather prognostic charts
- Convective outlook chart
- AWOS, ASOS, and ATIS reports
- SIGMETs and AIRMETs

Additional Weather Services for Flight under IFR

- Freezing level charts
- Stability charts
- Severe weather outlook charts

REFERENCE

The Flight Instructor's Kit

- Area of Operation 2, Task L: Aviation Weather Services

COMPLETION STANDARDS The student should be able to obtain appropriate weather information and make a competent "go/no-go" decision based on available weather information.