

Flight Lesson: IFR Weather

Objectives:

1. exhibit knowledge of the elements related to icing
2. exhibit knowledge of the elements related to thunderstorms
3. ability to accurately read weather and make proper no/no-go decisions

Schedule:

Activity	Est. Time
Ground	1.25
Preflight/Taxi	
Flight	
Debrief	
Total	1.25

Recommended Readings:

IFH	2-12 to 2-17: Icing
	11-2 to 11-3: Adverse Weather Emergencies
ASF	http://flash.aopa.org/asf/wxwise%5Fprecip/
	http://flash.aopa.org/asf/wxwise_fronts

Elements Ground:

- IFR Weather
 - **Icing**
 - Structural
 - Rime
 - Clear
 - Mixed
 - Induction
 - Scenarios
 - Known Icing
 - **Thunderstorms**
 - types
 - air mass
 - frontal
 - squall lines
 - life cycle
 - scenarios
 - **Fronts**
 - cold
 - warm
 - occluded
 - stationary

- IFR Weather Briefing Services
 - Freezing Level Charts
 - Prognostic Charts
 - Severe Weather Outlook
 - Radar
 - Pireps