## Interpreting Weather Data Review

Gary White

### METAR

- KAUS 051319Z COR 15003KT 1/4SM R17L/1800V2400FT FG VV003 22/21 A3010 RMK AO2 SFC VIS ½
  - What Type of Obscuration?
  - What is the Ceiling?
  - What does the COR mean?

## METAR (cont.)

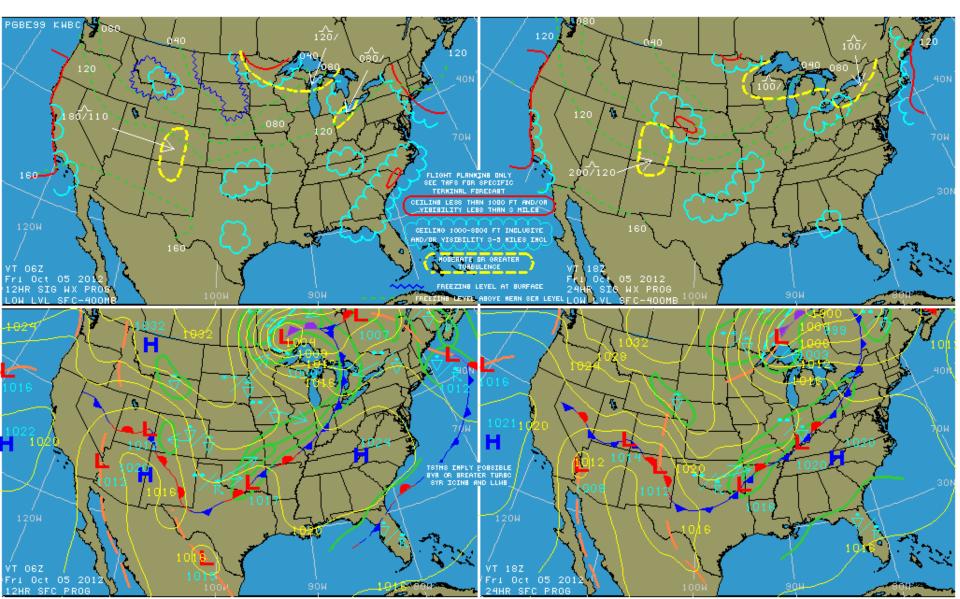
- BKN030 means the cloud base is?
- P6SM means?
- BR means?
- With a Temperature Dewpoint of Less than 3 degrees at midnight, what type of WX might be likely in the early morning?

## Winds Aloft

- Use Below Forecast for KBHM
- 9900 at 3,000' Means?
- The Temperature at 30,000' is?
- The Wind at 18,000' is?

FT300060009000120001800024000300003400039000BHM99002107+122507+082710+042616-102721-21263037263446264357

#### Low Level Prog Chart



## Low Level Prog Chart (cont.)

- Scalloped Lines Mean?
- Solid Lines Mean?
- Dashed Lines Mean?
- 400mb Equates to What Height?

## **FSS Briefing**

- If Your Flight is More than 6 Hours Away What Type of Briefing Should You Request From FSS?
- You Obtained a Standard Briefing and Then Decide to Change Your Alternate, What type of Briefing Would You Request?
- Standard FSS Frequency?
- Telephone Number for FSS?

## Flight Watch

- Another Term for Flight Watch?
- Standard Frequency?
- You can Use Flight Watch to Update a Flight Plan?

#### **FARs Review**

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### Terms

- ASEL?
- SEL in ASEL is a?
- Vso
- Vy
- Va
- Controlled Airspace

## Flight Review 61.57

- Must Have xxx Hours of Ground Instruction.
- Must Have yyy Hours of Dual Instruction.
- Must be Accomplished Every \_\_\_\_ Months.
- If you received your Private Pilot License on 8 October 2010 and Received no Additional Ratings – You Must Obtain a Flight Review no Later than?
- To Carry Passengers, You Must Have Made \_\_\_\_\_ Takeoffs and Landings Within the Preceding \_\_\_\_\_ Days in the Same Category and Class of Aircraft.

## Preflight 91.103

- A Preflight for a Local Flight Must Include:
  - Runway Lengths of Airports
  - Takeoff and Landing Distances
  - Weather Reports and Forecasts
  - Alternatives if the Planned Flight Cannot be Completed

## Alcohol or Drugs 91.17

 You are Transporting a Person from a Remote Area in your Super Cub to get Emergency Medical Treatment. This Person is Under the Influence of Alcohol. It this Legal?

## Safety Belts 91.107

 The Pilot is Required that all Passengers are Briefed on How to Fasten and Unfasten their Seat Belts and Safety Harness

## Right of Way 91.115

- You Are Flying North (Airplane A) and Encounter Another Airplane (B) Flying West at the Same Altitude
  - Which Airplane has the Right-of-Way?
  - Which Aircraft Should Alter Course?
  - In What Manner Should Avoidance Maneuvers
    Take Place

# Compliance With ATC Clearances 91.123

• You Must Refuse an ATC Clearance When it Would Cause you to Violate a FAR?

## Aircraft and Pilot Documents

- What are the Normal Aircraft Documents?
  - Airworthiness Document
  - Registration
  - **O**perating Handbook
  - Weight and Balance
- Pilot Documents
  - Pilot License
  - Medical
  - Government Issued Picture ID

## NTSB 830

- You Must Notify NTSB
  - When Damage is \$10,000
  - If you Have a Flight Control Malfunction
  - In a Wheels up Landing
- You Must Make an Immediate Notification to NTSB
  - Any Death
  - Damage is Greater than \$25,000
  - Near Miss