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.)

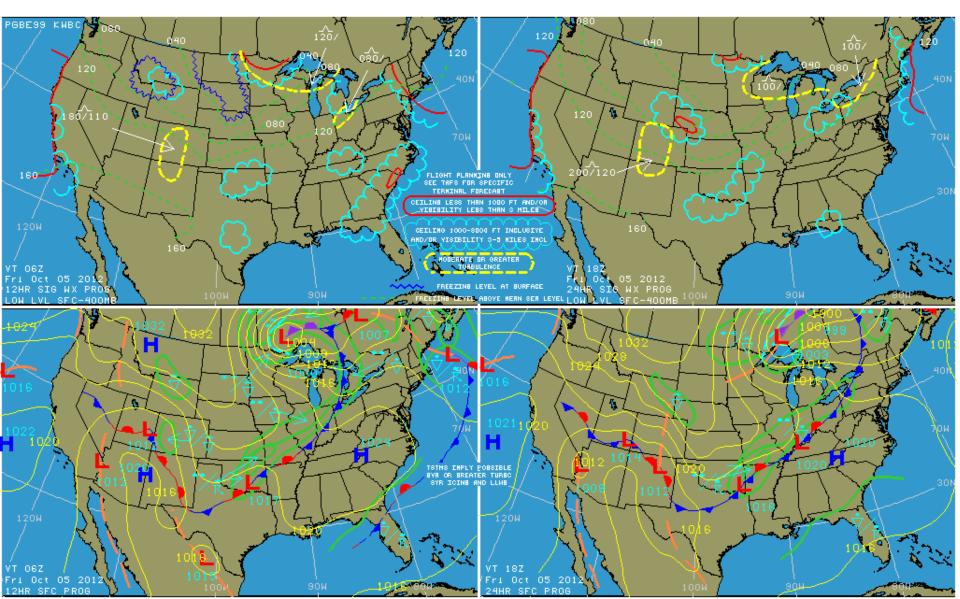
- BKN030 means the cloud base is?
- P6SM means?
- BR means?
- With a Temperature Dewpoint of Less than 3 degrees at midnight, what type of WX might be likely in the early morning?

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