

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?

FT	3000	6000	9000	12000	18000	24000	30000	34000	39000
BHM	9900	2107+12	2507+08	2710+04	2616-10	2721-21	263037	263446	264357

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?
- V_{SO}
- V_y
- V_a
- 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. Is 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
 - Operating 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