Ceiling and Visibility

National Scale

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Photo Credit: AOPA Air Safety Foundation
### Overview of National-Scale C&V Grids

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<td><strong>HEMS Display</strong></td>
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... more on these three topics

CONUS Grids
- Operational support uncertain

HEMS Display
- Operational support uncertain

Diagnosis
- Operational decision due Qtr 1-2 FY08

Forecast
- Experimental decision due Qtr 4 FY08
Status: CONUS Diagnosis

CONUS Diagnosis

Operational decision Qtr 1-2 FY08

Features
• Automated C, V, Flt Cat.
• Inputs: METARS, satellite
• 5-min update, 5-km grid
• Output: ADDS + GRIB files
• Confidence & other overlays

This -

-supplementing this
Status: CONUS Forecast

- Integrating these

Features
- Hourly update, 2-10 h fcst.
- 5-km grid
- Agile selection of inputs
- Algorithm in test/revise stage
- Operational in FY10

CONUS Forecast

Qtr 4 FY08

Experimental decision
Status: HEMS Regional Display

HEMS Display

Operational support uncertain

Features
- Tailored for helicopter EMS
- Accessible thru Exp’l ADDS
- Approved for ‘no-go’ decisions only
- Surface to 5000’ agl
- 5-km grid, 5-min update

- integrating these

Regional GIS display -
Summary: C&V Product Milestones

- **CONUS Analysis**
  - FY08: Op’l Qtr 1-2
  - FY09: OPS
  - FY10: OPS

- **CONUS Forecast**
  - FY08: Exp’l Qtr 4
  - FY09: 
  - FY10: Op’l Qtr 4

- **HEMS**
  - FY08: Status TBD
  - FY09: ?
  - FY10: ?

- **Alaska Products**
  - Development Priority TBD