Conclusions from HEMS Summit

1) Transition current experimental HEMS Tool to operation at AWC in phases
   Show 5 or 3 flight categories?
   Industry says do not move to 3 categories. They find the current
depiction useful.
   Industry would like to see Beta Test version (modified by Beta Test
results) remain on experimental site until it can be moved to AWC
with radar product included.
   What and when is the Safety Risk Assessment for the transition?
   Transition timeframe should be by the end of calendar 2014.
   FAA Aviation Weather Directorate will develop a clear plan/schedule for
transition(s) with AWRP/AWC/AFS in next 90 days.
   Industry will have an opportunity to provide input into the plan
before it is finalized. Industry will also be asked to participate in
the Safety Risk Assessment.

2) Better accuracy in C&V and Flight Category analysis is critical.
   More surface observations would make a significant difference because of the
nature of the analysis algorithm.
   Need to analyze which new data sets could improve accuracy.
      More automated surface observations
      More/different model data
      NWS forecaster generated products
      Data derived from cameras
      Aircraft based observations
      Ground vehicle based observations
      More/different satellite data
      More/different radar data
   Assess criticality of remaining on 5 minute update cycle.
   Bring in existing non-federal AWOS3 as low-hanging fruit.
   Consider using other observations for input into C&V analysis.
   Approved observations could be visible in the HEMS Tool, with other
observations being used in the analysis, but not displayed.
   There is a money issue and a policy issue regarding ingesting other sites.
   Use of MADIS data sets could be a viable, low cost option.
   FAA Aviation Weather Directorate, with NWS, will look at how improve
accuracy and report back to industry with ideas for discussion.

3) Mobile capability for HEMS Tool – defer until HEMS Tool is operational.

4) Convene another HEMS summit in 1 year – Early December 2014