

# LVO/SMGCS Updates

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Federal Aviation  
Administration



# Boston OSA—Level 1: <1200-500 RVR

- **Boston (KBOS) Operational Safety Assessment was signed by AFS 400 (Aug 2013)**
  - Airports that were approved previously to 600 RVR can now lower their LVO/SMGCS minimums to 500 ft RVR (if successfully evaluated / safe to do so)
  - Stewart Newburg was first airport to be approved Level 1 to 500 RVR that had not previously operated LVO/SMGCS (new CAT III installed)



# ICAO Progress

- **Meeting with ICAO subgroup once a month on harmonization of USA and ICAO standards (including charts)**
- **Presenting White Paper to ICAO Panel in December. Sub panel will recommend:**
  1. LVO/SMGCS begins <1200 feet (350 meters) RVR
  2. Level 1 is <1200-500 feet (350-150 meters) RVR (see and avoid)
  3. (for now) Level 2 is <500-300 feet (150-75 meters) RVR (need additional equipment such as ASDE-X)



# Chart changes in the works

- **Charts continue to change as new symbols are introduced (New! Improved!)**
  - Currently conducting human factors symbology study with Volpe.
  - Thinking of new symbol in “A/F D” so pilots will know that an airport has an “FAA approved LVO/SMGCS Plan”
  - LIDO changed color of GPM due to Human Factors research done by NASA/Volpe/FAA in 2012
- **Airports Division continues to work LVO/SMGCS Data Source**
  - Order 8000.94 requires airport LVO/SMGCS Data
  - Surveys completed so far: >30
  - Developing formal process for LVO/SMGCS data source collection

