

FAA National Software Conference

Designee Activities



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Designee Orders Status

- Order 8100.8A Scheduled for Completion in September 2000
- Order 8110.37D May Also Be Completed at the Same Time
- “Software Grand Design Designee Management Report” Recommendations are Being Considered in the Update

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Designee Activities

3 Major Areas of Report Focus

- **Software Designee Qualifications**
- **Software Designee Oversight**
- **Software Designee Training**



Software DER Qualifications

- **7 New Criteria (pages 2-4)**
 - Experience with DO-178B Life Cycle Data
 - Experience with Compliance to Annex A Tables
 - Verification Experience
 - Structural Coverage Analysis Experience
 - Familiarity with Post-Cert Processes
 - Familiarity with Software Mod Process
 - Familiarity with FAA Software Policy
- **Review Evaluation (optional) (pages 4-5)**
- **Being Added to 8100.8[] and ? 8110.37[]**

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Designee Activities

Software DMIR/DAR/ODAR Qualifications

- Limited to Software Conformity Inspection (8110.4a)
- Criteria on pages 5-6
- Being Added to 8100.8[]



Oversight of Software DERs



- Self-Evaluation Questions for Annual Reporting (p. 7)
- FAA Advisor Evaluation Points when Attending SW Review with DER (optional) (p. 7-8)
- Not Being Implemented in 8100.8A

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Designee Activities

Oversight of Software DMIRs/DARs/ODARs



- Self-Evaluation Questions for Annual Reporting (page 9)
- FAA Advisor Evaluation Points when Attending SW Conformity Inspection with Designee (page 9)
- Not Being Implemented in 8100.8A

Software DER Training

- Software Standardization Conference
- Recommend Designee Attendance Every 2 Years
- Add to Designee Orders



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Designee Activities

Software DMIR/DAR/ODAR Training

- **DMIR/DAR/ODAR Training**
 - IVT/Video on Software Conformity Inspection
 - Add Software Conformity Piece to Manufacturing Recurrency Conferences



One More Thing

**Complex Electronic
Hardware Designee Qualifications**

*Next Update of
Designee Orders*

