

FAA EVMS Acceptance Process for ITT Status Review

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Mark Lorenz, AES ITT

Date: February 26, 2009



Federal Aviation
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Agenda

- **FAA Introduction**
- **FAA EVMS Acceptance Process**
- **ITT EVMS Implementation**
- **ITT Preparation for EVMS Acceptance Review**
- **FAA EVMS Review Summary**



FAA Mission, Vision, Values

Our Mission

- Our mission is to provide the safest, most efficient aerospace system in the world.

Our Vision

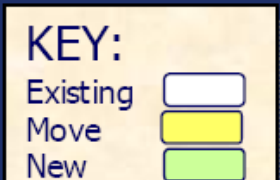
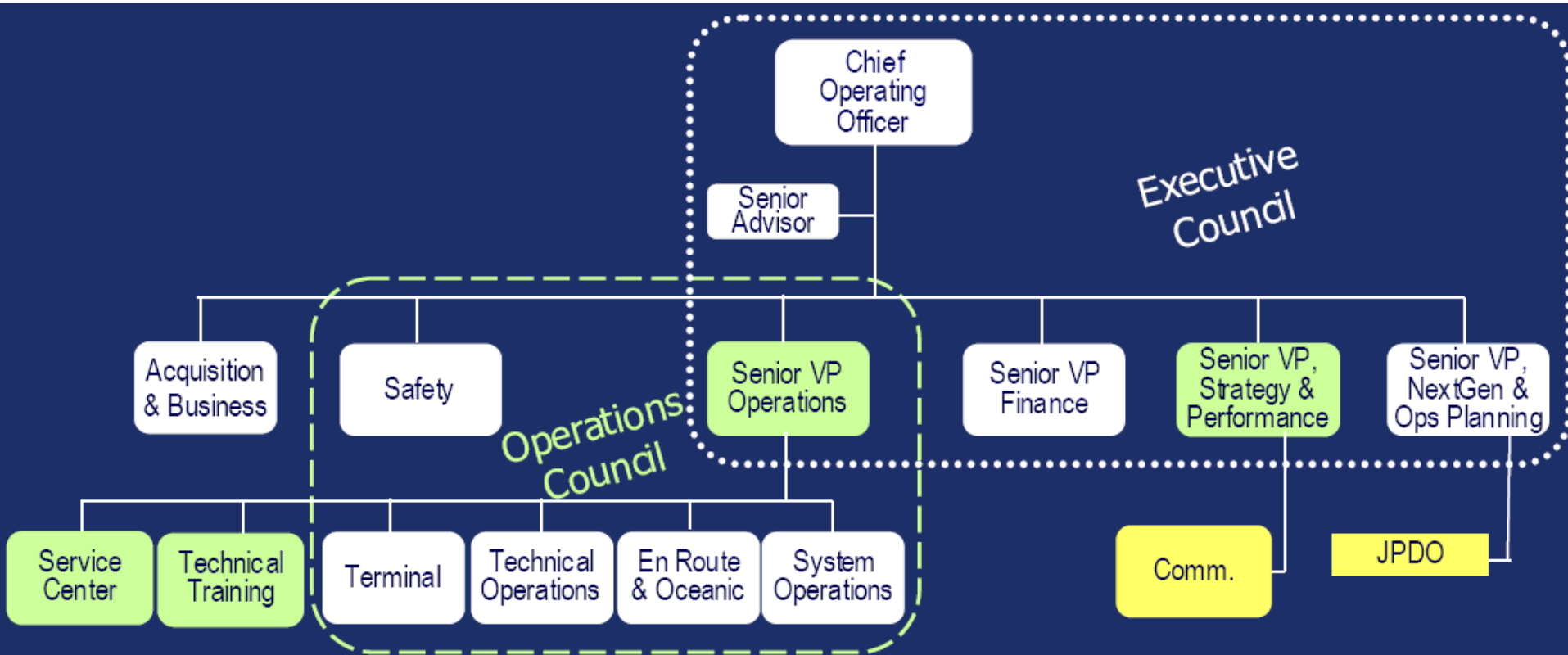
- Our vision is to improve the safety and efficiency of aviation, while being responsive to our customers and accountable to the public.

Our Values

- Safety is our passion. We're world leaders in aerospace safety.
- Quality is our trademark. We serve our country, our customers, and each other.
- Integrity is our character. We do the right thing, even if no one is looking.
- People are our strength. We treat each other as we want to be treated.



ATO Organization



Capital Programming Guide of OMB Circular No. A-11 (2006)

The process and schedule for contractor and in-house EVM system validation as meeting the ANSI/EIA 748 through an EVMS Compliance Recognition documents or a Compliance Evaluation Review where a compliance document does not exist, and periodic systems surveillance must be also be defined in the solicitation.



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THE FAA ACQUISITION SYSTEM TOOLSET



AMS Policy

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Earned Value Management (EVM) (Added 10/2005)

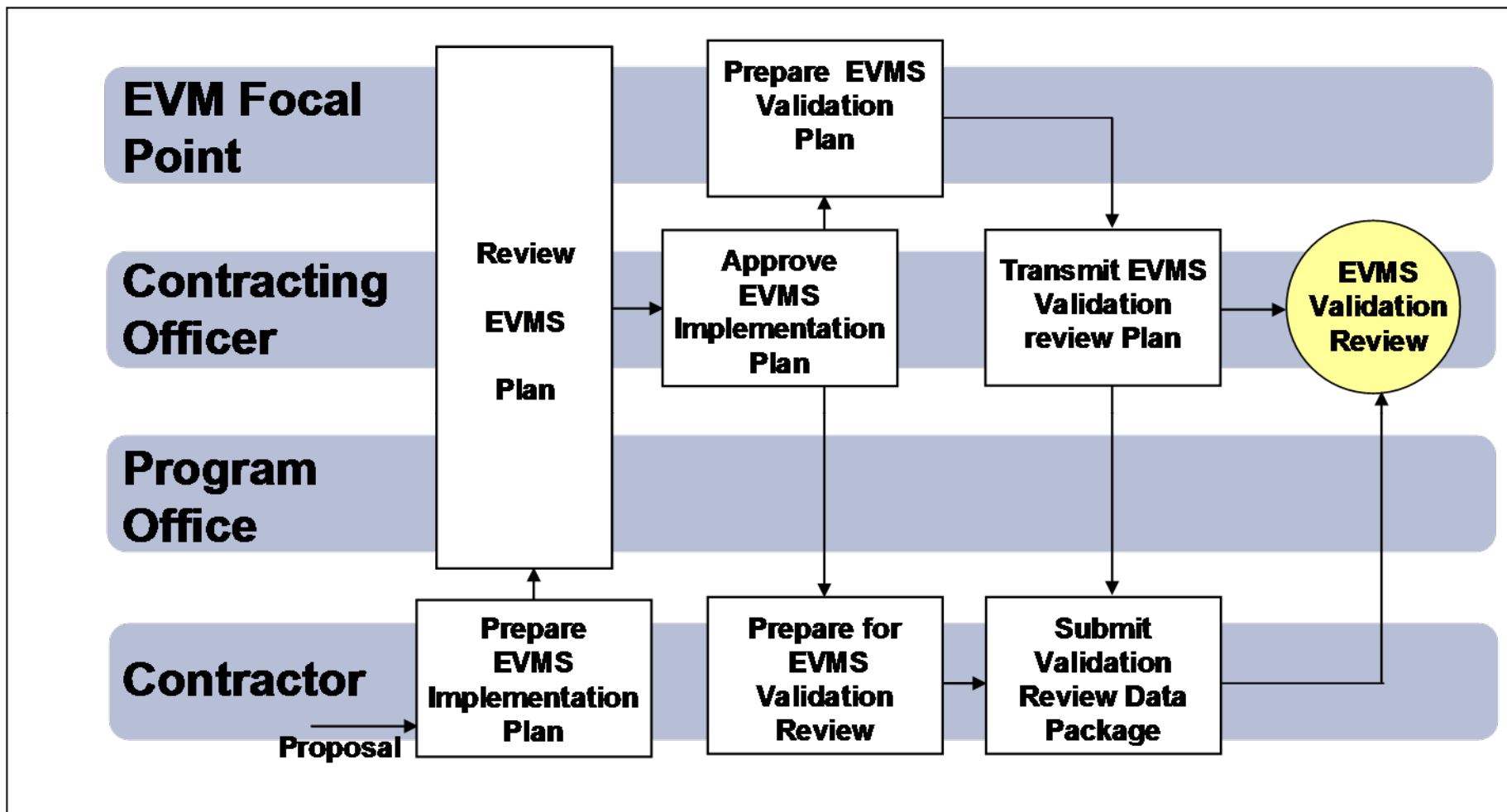
- [AMS Policy Section 4.16](#)
- **EVM Reference documents**
 - [FAA EVM Guide](#)
 - [FAA Integrated Baseline Review Guide](#)
 - [FAA EVM System Acceptance Guide](#)
 - [FAA EVM Surveillance Guide](#)
- **Links to EVM websites**
 - [Department of Defense, Defense Acquisition University, Acquisition Community Connection](#)
 - [Department of Defense Earned Value Management](#)
 - [Project Management Institute - College of Performance Management](#)
 - [NDIA Program Management Systems Committee \(PMSC\)](#)
 - [NDIA, ANSI/EIA 748 Intent Guide](#)
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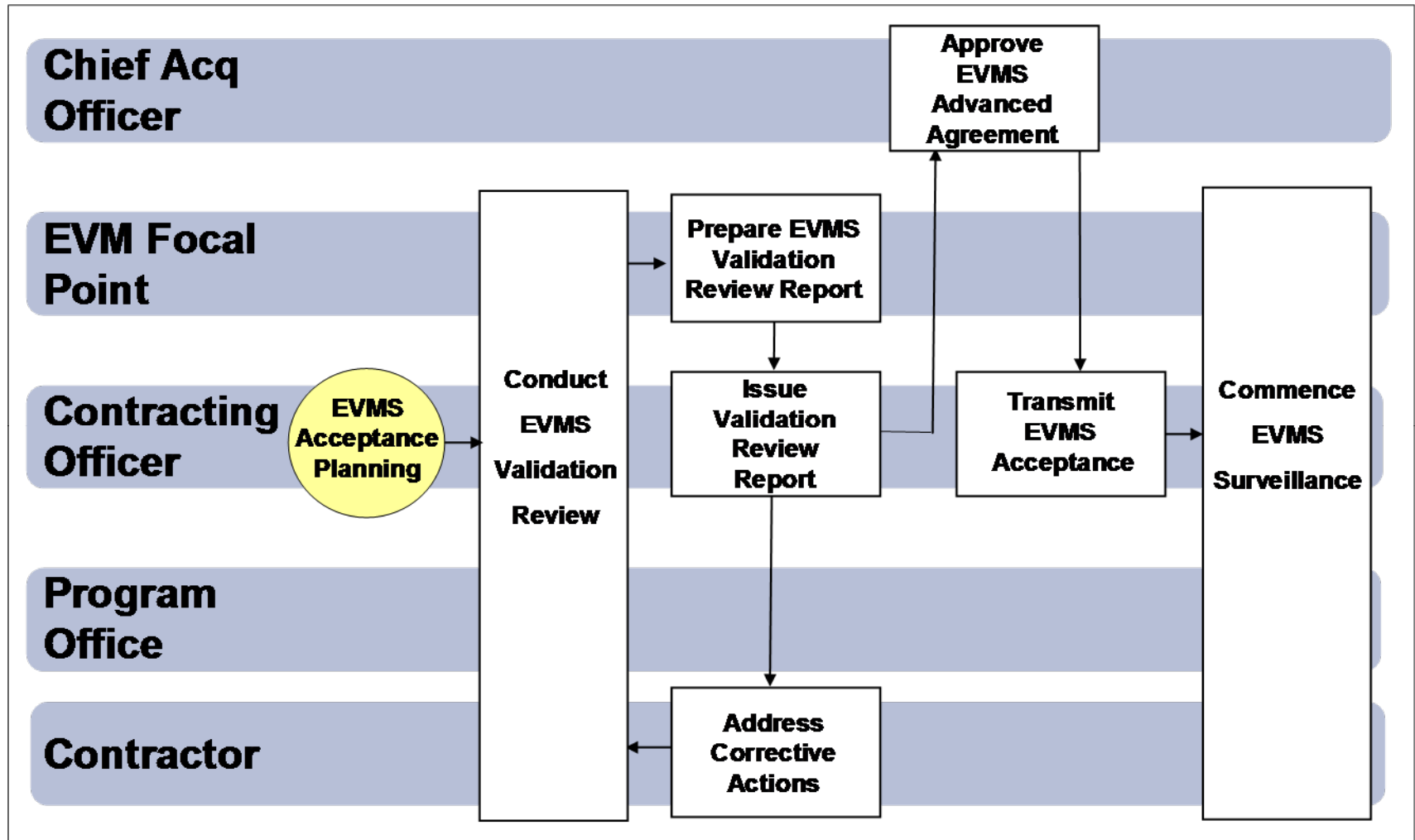
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Contractor EVM Systems Acceptance – Planning



Contractor EVM Systems Acceptance – Validation Review



Purpose of ITT Review

- **The purpose of the EVMS Validation review was to determine if the ITT SBS EVMS implementation is compliant with the FAA SBS contract and with the industry EVMS standard**
- **The review will provide the basis for a formal recognition of the ITT EVMS for use on the FAA SBS contract**



FAA Initial Review

- **Progress Assistance Visit – 9-11 July 2008**
 - Keith Kratzert, FAA
 - Sharon Boddie, FAA
 - Kevin Martin, KMSG
 - Joe Houser, KMSG
 - Kim Hunter, KMSG



FAA Review

- **Validation Review – September 22-26, 2008**
 - Keith Kratzert, FAA
 - Dan Milano, FAA
 - Sharon Boddie, FAA
 - Kevin Martin, KMSG
 - Joe Houser, KMSG
 - Kim Hunter, KMSG
 - David Pilch, KMSG
 - Wendy Hilton, KMSG
 - Marilyn McCauley, McMG
- **Initial Outbriefing – October 8, 2008**



FAA Review

- **Corrective Action Request (CAR) Status Review January 22, 2009**
 - Dan Milano, FAA
 - Kevin Martin, KMSG
 - Joe Houser, KMSG
 - Kim Hunter, KMSG
- **Anticipating Final Report and Issuance of Letter of Acceptance – February 2009**



FAA's Perception of the AES ITT EVMS



ITT Validation Review Results Overview

- **Good AES ITT cooperation and professionalism**
 - **Management Support**
 - **Control Account Managers**
 - **System Description**
 - **Data Traces**
-
- **Results presented using categories of EIA-748: Organizing, Planning, Accounting, Analysis and Reporting, Data Revisions**



Organizing Summary

- **Strong integration/linkage between**
 - WBS, planning, scheduling, budgeting, work authorization, and baseline control
 - CAM understanding of work
- **Work authorization – current, signed, contained all required data**
- **CAMs included in process of estimating/negotiating budgets and schedules – strong sense of ownership and responsibility**



Planning Summary

- **Network schedule in process**
 - Total program critical path analysis not complete
- **Schedule baseline process established**
 - Deliverables and milestones not documented in schedule baseline log
- **Time phased budgets**
 - No major LOE issues
 - Earned Value methods measure technical progress
 - Indirect costs based on DCAA approved provisional rates
 - PMB and MR reconcile with contract value



Performing Summary

- **Data traces were successful**
 - Generally direct costs were allocated to WBS and OBS in accordance with the general books of accounts
- **Individual instances of work accomplishment and no recorded costs**
- **Follow-up required to demonstrate the readiness for the integration of the material management, accounting and EVM systems**



Analysis and Reporting Summary

- **EVM data compiled and reported at program level by knowledgeable EVM analysts**
- **Program level processes institutionalized and observed by program control**
- **Additional guidance needed at the CAM level for EAC procedures and variance reporting**



Change Management Summary

- **Change management processes in place for both cost and schedule**
- **Control logs were reviewed and were acceptable**
- **Control of retroactive changes was resolved during the review**



Remaining Actions

Issue EVM System Letter of Acceptance

