Enterprise Value: The New Lean Horizon

Lean Aerospace Initiative

LESAT Actions in Industry March 27, 2002

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Research Sponsored By MIT LAI Enterprise Team

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Presentation Overview

- > Observations from Beta tests
- > Introduction to Beta test follow-up study
- > Classes of enterprise using LESAT
 - >Successful
 - >Unsuccessful
- > 3 categories of management feedback control
- > Acting on LESAT results
- > Perceived cost/benefit of LESAT
- > Emergent needs
- > Conclusions





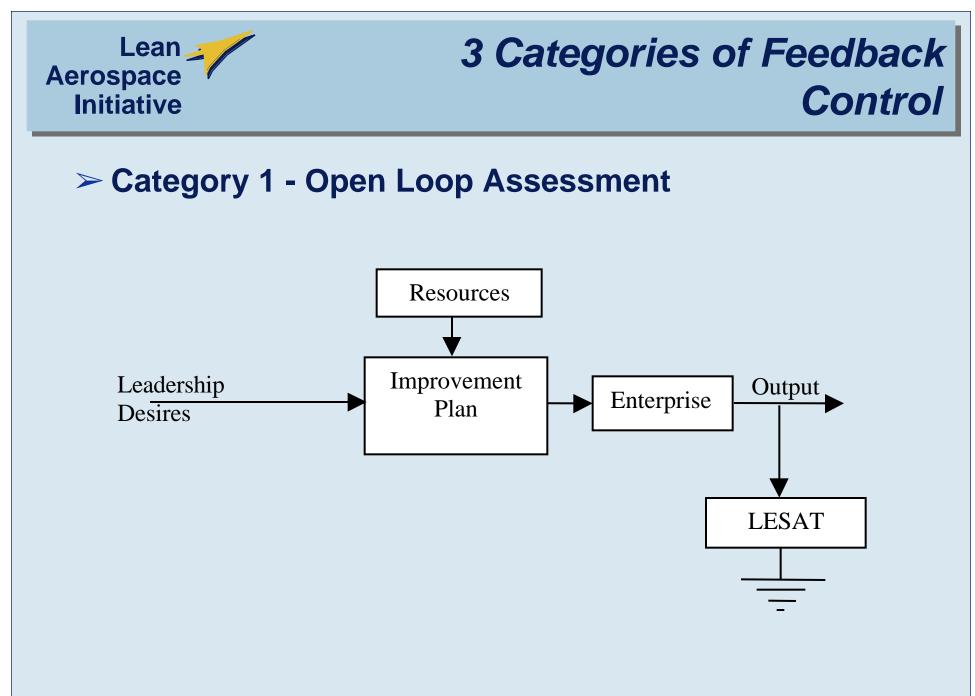
Introduction to Study

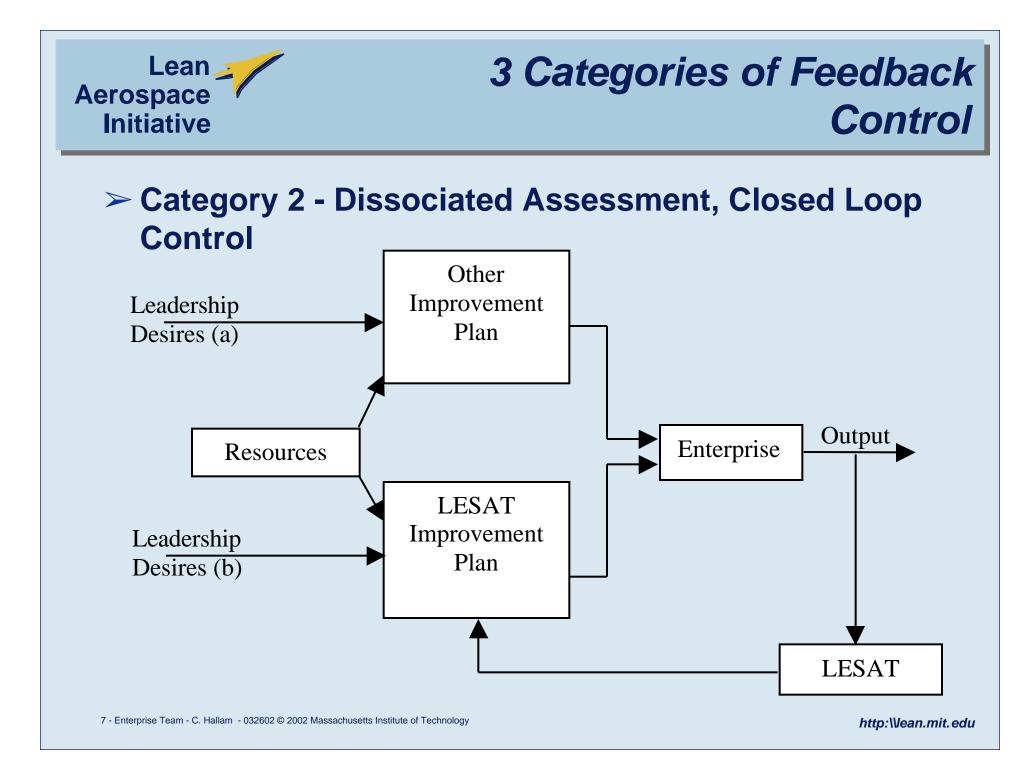
Develop an understanding of how LESAT is (or is not) a part of management control

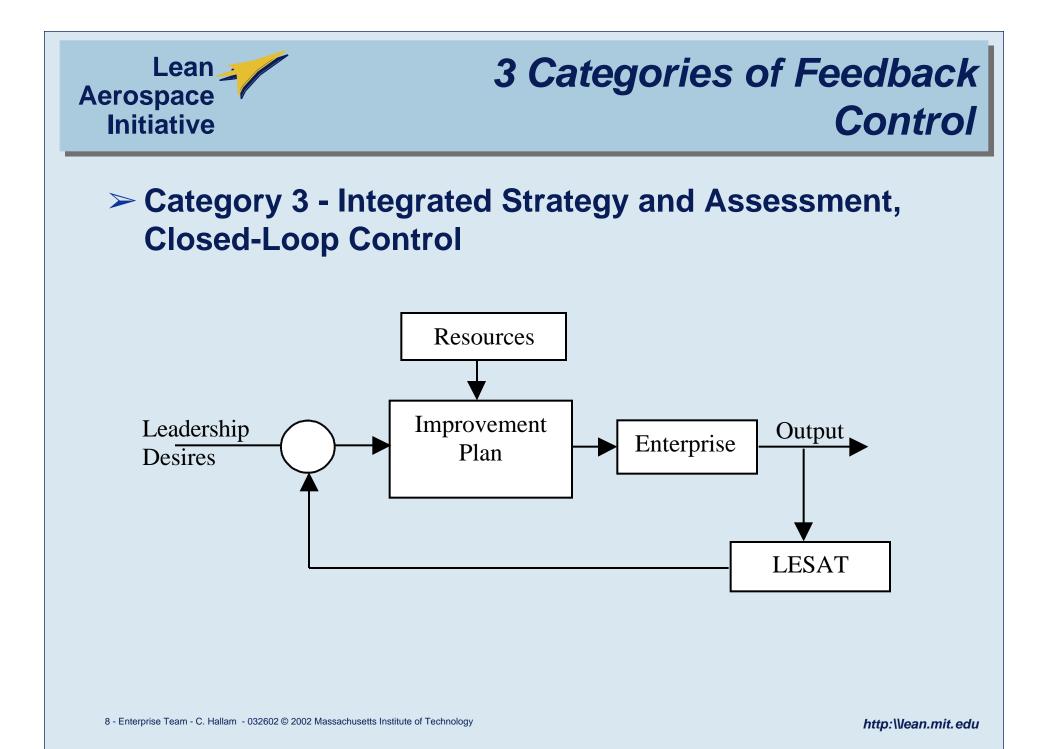
>10 LESAT beta test sites

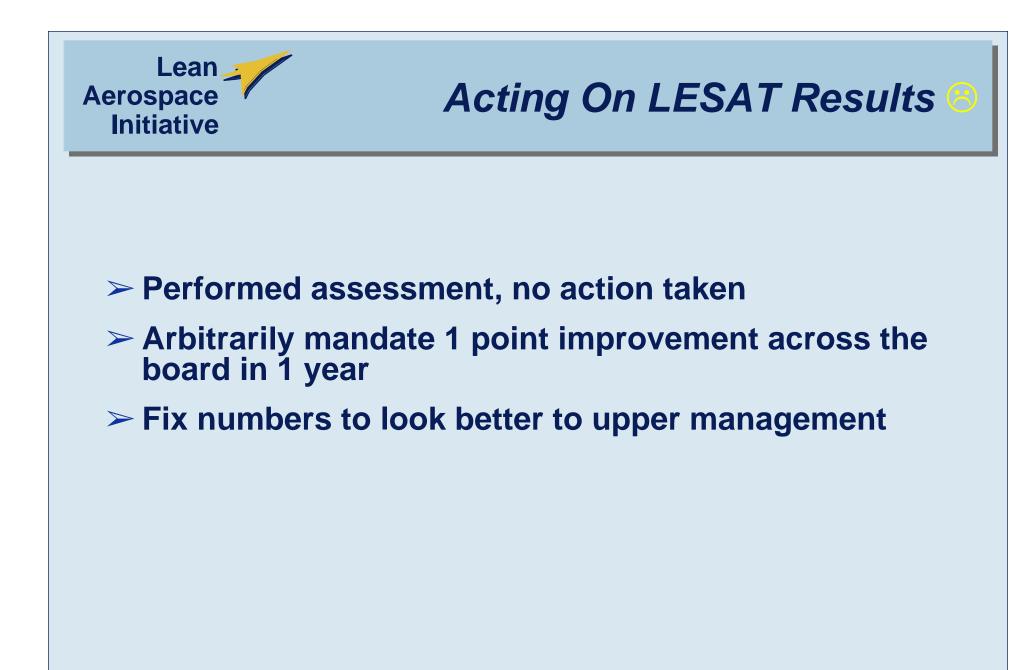
Post-assessment interviews about LESATdriven action plans













- > Address practices with lowest maturity
- > Address practices with largest maturity variability
- > Address lowest maturity in leadership section first
- Cross reference lowest maturity practices to business strategy
- Integrate improvement actions into Annual Operating Plans (AOP)
- Perform annual LESAT, aim for continual (incremental) increase in maturity

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Perceived Cost/Benefit of LESAT

>Pros

- >Assessment process is as valuable as results
- Increased executive communication
- Creation of common vocabulary
- >Identify and support those who need education
- > Open identification of enterprise-level issues
- **Clear picture of lean maturity of enterprise**
- >Next level of lean maturity obvious

Perceived Cost/Benefit of LESAT

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- >4-6 hours for intro session, rating, and report out
- >Additional resources to conduct the assessment and deal with logistics and data
- Migration actions to next maturity level are unclear
- > Starting point of improvement efforts is unclear
- **Coordinating executives is difficult**



Emergent Needs

> Enterprise Education and Curriculum

>LESAT communication, sharing, and refinement

>Enterprise-level decision aids and tools



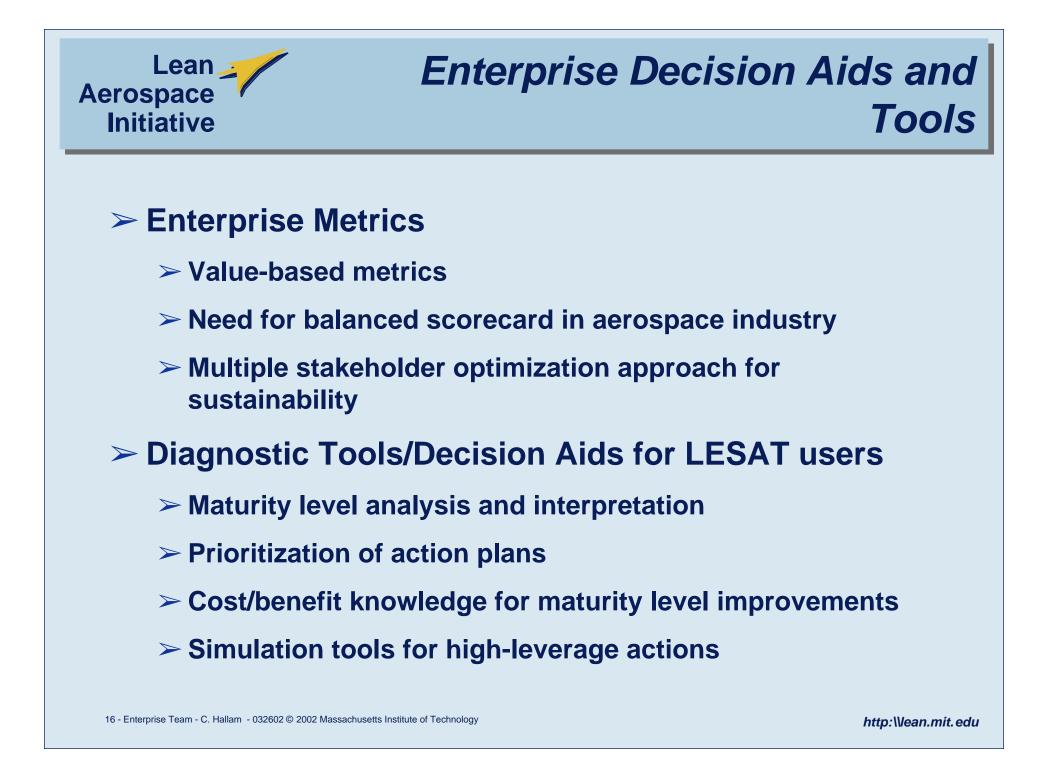
Enterprise Education

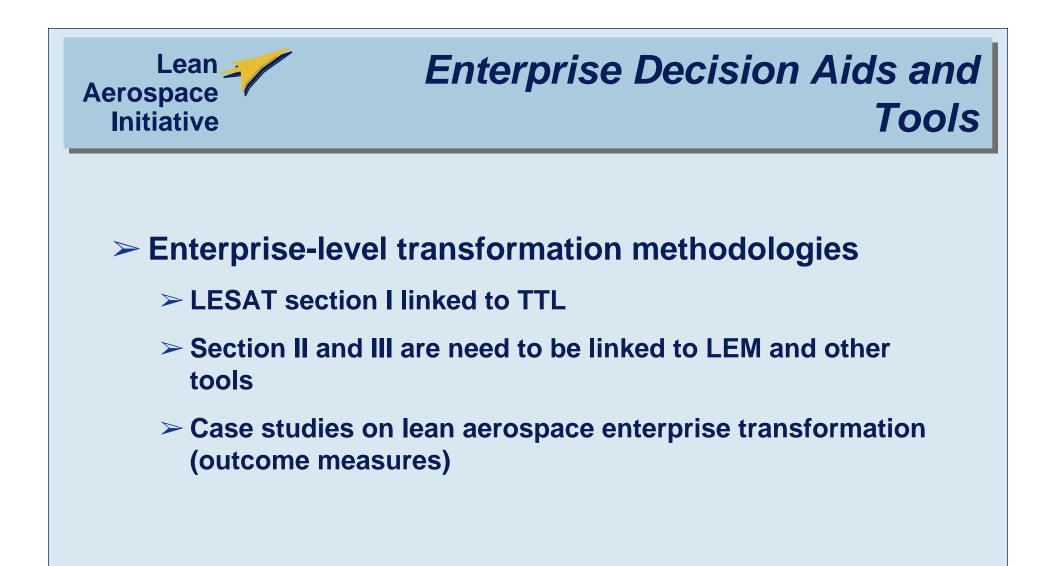
- Formal concept of the "Lean Enterprise"
- > Enterprise Transition to Lean (TTL) training
- >LESAT facilitator training
- > Emphasis on:
 - **>Executive education**
 - >Enterprise-level
 - > Workshops
 - >Courses



LESAT Communication, Sharing, and Refinement

- Continued sharing of best practices and LESAT experiences across consortium
- > Assistance for new LESAT users
- Continuing interaction between MIT and LESAT users
 - > Update LESAT with knowledge learned
 - >Identify research/development needs
- > Electronic LESAT (real-time analysis)







Conclusions

- Transformation is a continuous process that takes years
- LESAT acts as a "sensor" for closed-loop lean enterprise management control
- LESAT users fall into 3 Categories of Enterprise Management
 - > Open Loop
 - > Closed-Loop
 - Fully Integrated Closed-Loop
- > Significant investment of time deemed worthwhile
- > Increases understanding of the lean enterprise

Sustainable transformation successes will be closely linked to Category 3 enterprises



Questions?

Contact Information

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