

Lean Aerospace Initiative



Enterprise Value: The New Lean Horizon

*Lean Effects on Aerospace Programs
F-16 Case Study
March 27, 2002*

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Research Sponsored By Lean Aerospace Initiative



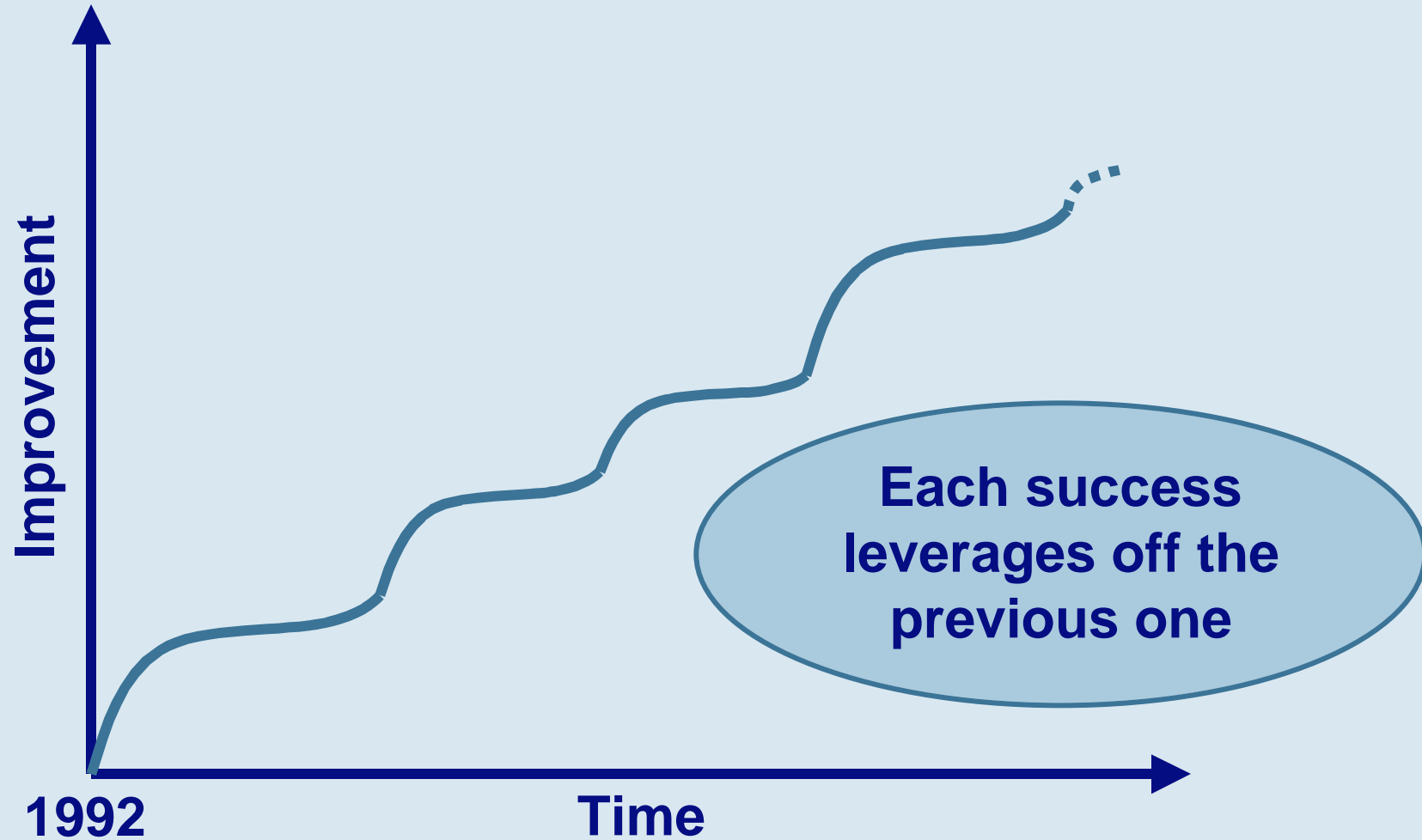
Program Highlights

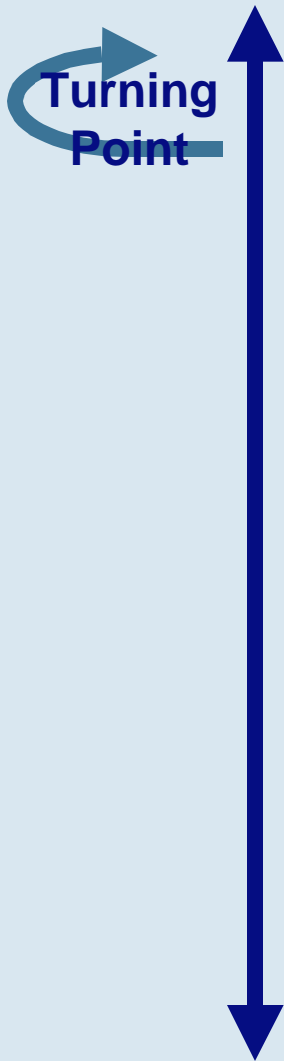
- **Over 4000 aircraft delivered to 21 countries**
 - **Over 100 different versions**



- **Nearly constant price since 1990 (constant year dollars)**
- **Decreasing production rates (180/yr - 24/yr)**
- **Significant improvement in system capability**







1992

- **New leadership - shift in attitude**
- **Metrics including goals**
- **Core competencies**

1996

- **IPT structure**

1998

- **Pilot project successes**
 - **Customer participation**

2000

- **Advances in IT tools**
- **Senior corporate leadership commitment**



Future Opportunities



- **Extending pilot projects throughout entire program**
- **Incentives for supplier network integration**
 - **60% of cost of aircraft is procured**
- **Interaction with other programs**
 - **Learning and sharing**