



Engineering Systems Doctoral Seminar

ESD.84 – Fall 2002

Session 7

October 30, 2002

Chris Magee and Joel Cutcher-Gershenfeld

Guests: Earll Murman and Sheila Widnall



Session 7: Overview

- Welcome and Overview and Introductions (5-7 min.)
- Generating Key Questions from Readings (7-10 min.)
- The Aerospace Enterprise (60-75 min.)
 - Earl Murman and Sheila Widnall
- Student Presentation (15-20 min.):
 - The Role of the Skunk Works Operations in Extended Aerospace Systems – Troy Downen
- Break (7-10 min.)
- Student Presentation (15-20 min.):
 - Assembly Automation of Aerostructures – Tom Speller
- Book Reviews (5-7 min. each):
 - Earl Murman, Tom Allen, Kirkor Bozdogan, Joel Cutcher-Gershenfeld, Hugh McManus, Debbie Nightingale, Eric Rebutisch, Tom Shields, Fred Stahl Myles Walton, Joyce Warmkessel, Stanley Weiss, and Sheila Widnall. Lean Enterprise Value: Insights from MIT's Lean Aerospace Initiative, New York: Palgrave/Macmillan (2002) – Tom Speller
 - B.R. Rich and L. Janos, *Skunk Works* Boston: Little, Brown & Co. (1994) – Eun Suk Suh
 - Lessig on *Code* (1999) – Ben Koo
- Integrative Discussion (10-15 min.)
- Next Steps (3-5 min.)