

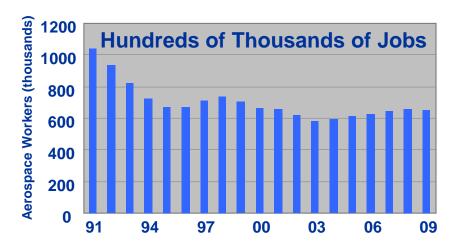
Trends & Challenges

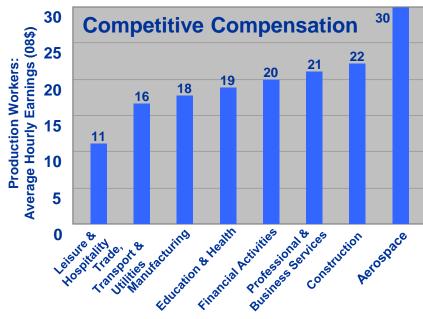
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- Declining Support for Defense Spending
- Defense Budgets Product Implications
- Globalization of the Supplier Base
- Aversion to Risk
- Future Shortage of Skilled Workers?

A&D Economic Contributions

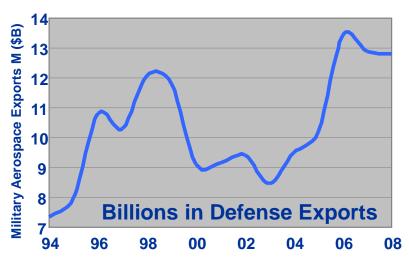


Providing Quality Employment





Keeping America Competitive around the Globe

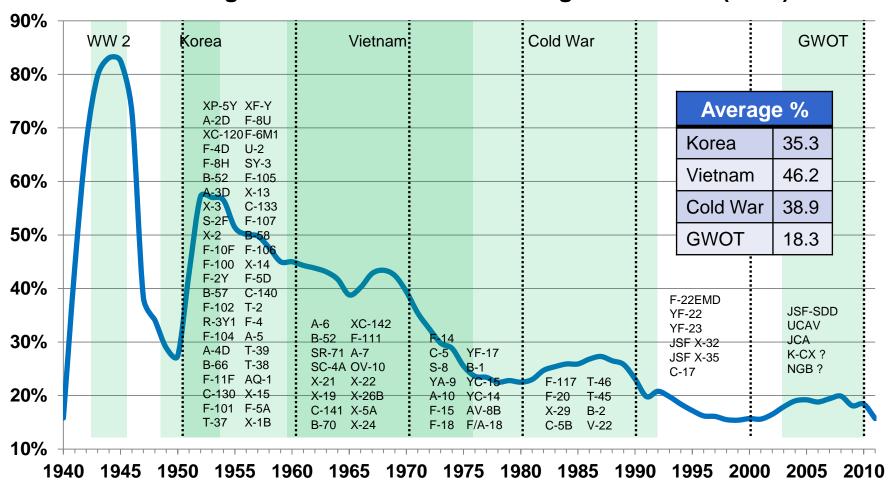


- Aerospace R&D Investment 13.3% of Sales Versus 2.9% Industry Average
- Average Aerospace Compensation \$38K per year with A&D at \$62K per year
- Significant Pressure for Global Suppliers
 Fueled by Many Factors, Wages Being One

Defense Investment as a Percentage of Total Federal Budget



DoD Budget as % of Total Federal Budget 1940-2011 (DOD)

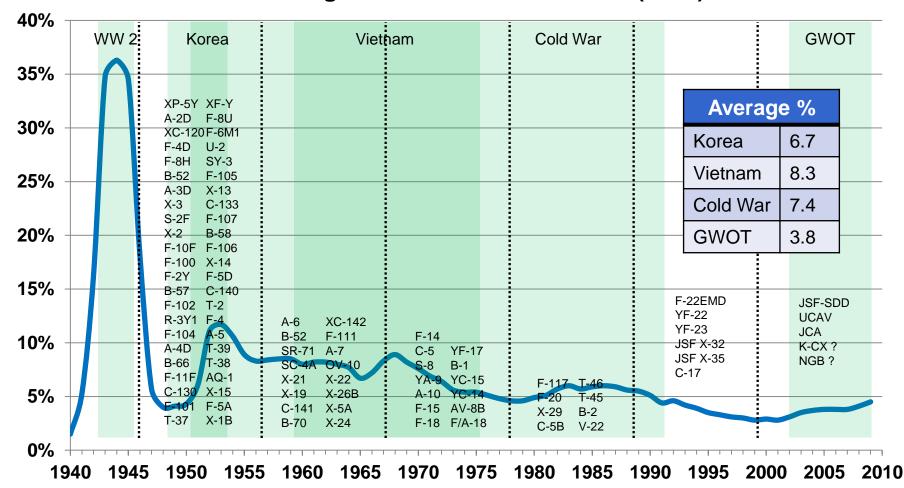


Source: National Defense Budget Estimates for FY2011, Office of the Undersecretary of Defense (Comptroller), March 2010

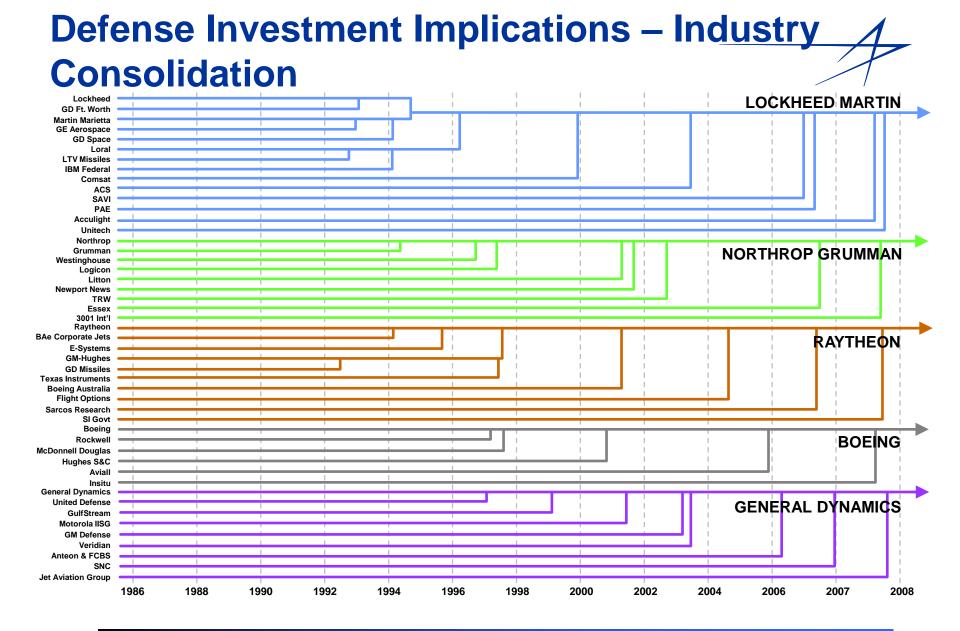
Defense Investment as a Percentage of Gross Domestic Product



DoD Budget as % of GDP 1940-2009 (DOD)



Source: National Defense Budget Estimates for FY2011, Office of the Undersecretary of Defense (Comptroller), March 2010



A&D Industry Make-Up



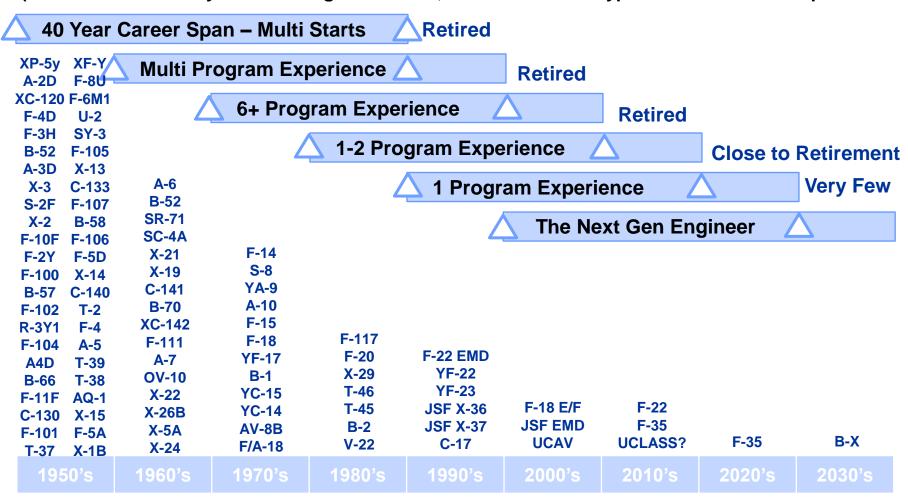


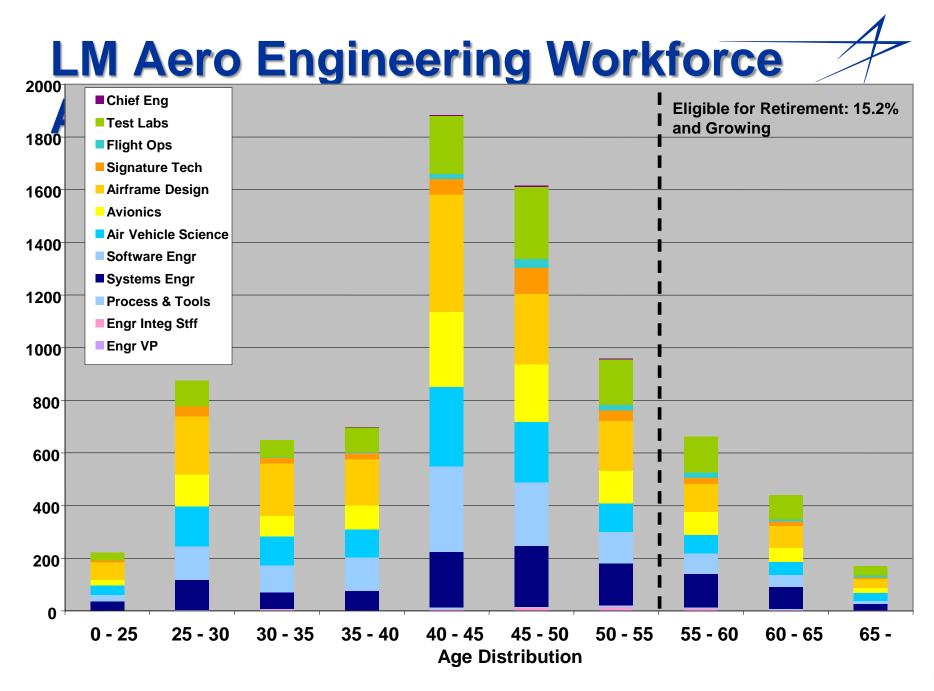
- Typically primes perform 30% of work content
- Critical systems and materials suppliers
- Companies in all 50 states & worldwide
- Includes small, disadvantaged and minority-owned businesses
- Experience base across industry being lost at an alarming rate
- Cost concerns have reduced capability

The Challenge of People



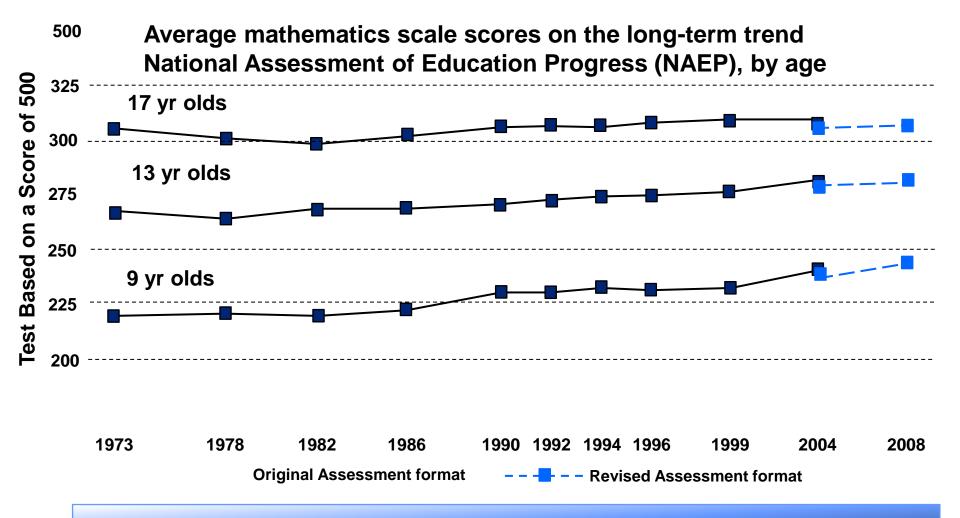
Declining Experience Levels in Military Aircraft Programs (Vertical Bars: Military Aircraft Programs Starts, Horizontal Bars: Typical 40 Year Career Span





Mathematics Scores

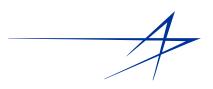




Scores of High School Graduates in Math Have Remained Relatively Flat

Source: U.S. Depart. of Education





Back up

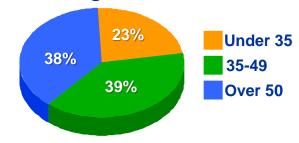
A&D Workforce Dilemma



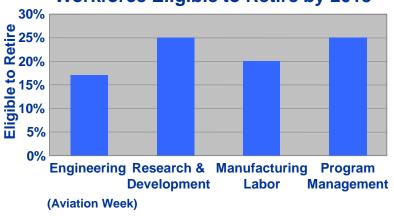
A Shrinking Pool of Skilled Labor?

As the A&D Workforce is Expected to Decline

Workforce Age Distribution

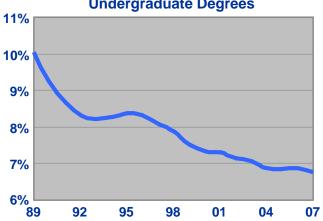


Workforce Eligible to Retire by 2013



New Science & Engineering Talent

Science and Engineering as % of Total U.S. Undergraduate Degrees



Declining Popularity of Science and Engineering Among Undergraduates