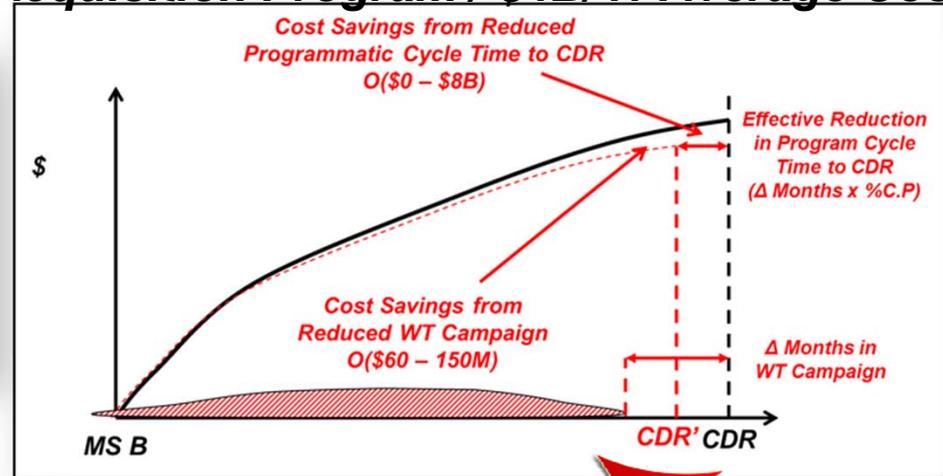
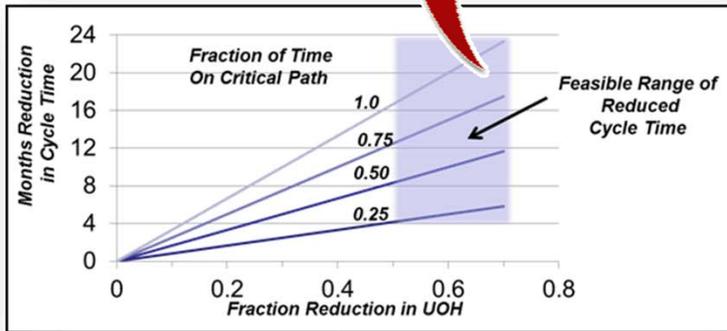


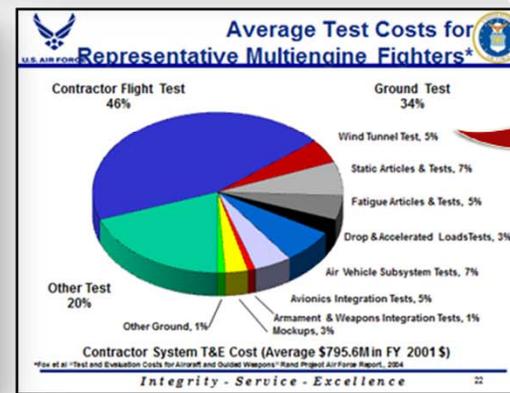
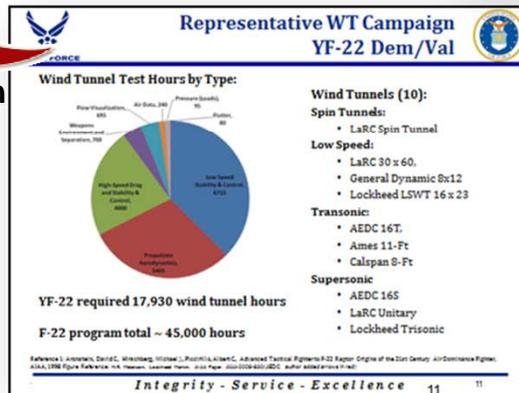


Potential Impact on Cost Through Reduced Testing and Cycle Time

Nominal Cost Savings for \$100B Acquisition Program / \$4B/Yr Average Cost



- 22,000 UOH WT campaign
- 65% Aero/S&C/Loads or ~15,000 UOH
- 60% reduction in Aero/S&C/Loads yields ~9,000 UOH reduction
- ~20 months reduction assuming 450 UOH/Month



- Test 2-5% of total acquisition cost (\$2-\$5B)
- WT Campaign 5% of total test cost (\$100 - \$250M)

Even More Potential Impact on Program Cycle Time Through Application to Flight Testing