

**ACEIT Success Stories  
and  
Points of Contact**

<b>Project</b>	<b>AF Airborne Laser (ABL) Program</b>	<b>Launch Test Programs</b>	<b>Comanche</b>
<b>When Used</b>	Continuously since 1993 and for future use	1998	Integral part of the POE for several years with the emphasis increasing each year.
<b>What ACEIT Used For</b>	Estimate/document LCC estimates for COEA studies, Service Cost Position Estimate supporting Milestone I (AF, OSD and CAIG review and approval), annual POE updates and revisions, CAIV and EACs to evaluate system trade studies.	Estimate/document Minuteman II booster refurbishment (used as National Missile defense and Theater Missile Defense targets for BMDO, Army's Strategic Missile Defense Command, Sandia National Laboratory, and the Navy; and space launch vehicles for Air Force Research Laboratories and NASA).	Currently ACEIT supports the main Project Office Estimate. However, the estimate is currently being restructured to make use of the new capabilities being offered by the ACE Executive. These capabilities are CAIV and Management Level inputs to the POE (cost drivers).
<b>Why ACEIT Used</b>	Automated documentation, inputs/results easy to review and replicate, logical framework improves productivity and ability to transfer to new analysts.	Simple to generate credible estimate based on various spend profiles, actual costs, contract values, and historical data. Provides managers a documented source for the cost of future work. ACE Executive provides a quick tool to do what if drills for the managers or to adapt to a new project.	Allows the Program Office to meet the requirements of higher Army HQ. Easier to use compared to spreadsheet based cost estimates.
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<b>Project</b>	<b>CVX</b>	<b>LPD-17</b>	<b>US Coast Guard Coastal Patrol Boat</b>
<b>When Used</b>	Aug 97 to present and foreseeable future	1998	1998
<b>What ACEIT Used For</b>	Acquisition cost estimating, CAIV and sensitivity analysis.	Total Ownership Cost Avoidance initiatives independent cost estimates.	ACEIT was used to estimate the Life Cycle Cost of Coastal Patrol Boats to determine the affordable buy quantities.
<b>Why ACEIT Used</b>	Huge number of cases could be analyzed in extremely short time. Ability to link to the engineering tool dramatically reduced analysis time and reduced errors in data transfer process. Tailored charts and tables could be produced accurately and quickly.	Ability to model complex maintenance profiles and allow for trade studies. Logical approach focuses attention on accuracy of cost driver assumptions.	ACEIT made it easy to combine source data that was in a variety of different "types" of money (BY, TY, SY), subject to different inflation tables and phased in different manners. The USCG was able to use the model to identify how many could be purchased and when.
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