

PBL Business Case Analysis

DoD Requirement for Adopting a PBL Support Strategy

Dayton Aerospace's three-phased, structured, disciplined approach complies with DoD's overarching BCA process, has been proven on the JSF, CV-22 and others, and is tailorable to less rigorous applications.

Background

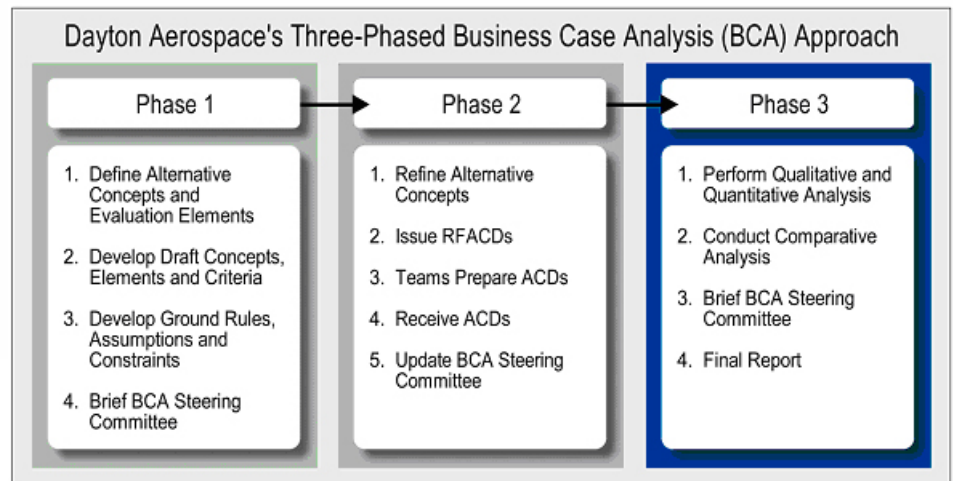
OSD requires using a Business Case Analysis (BCA) as part of Performance Based Logistics (PBL) support strategy decisions. BCA's provide a best value analysis, considering cost along with other quantitative and qualitative investment decision factors. This expanded cost/benefit analysis links alternatives to outcomes – how each will fulfill the strategic program objectives. Each military service has unique guidance and policy on DoD PBL BCA policy implementation. The GAO recently recommended requiring specific criteria and methods. The use of a PBL BCA as a decision support tool continues to evolve.

Our Core PBL BCA Process

The Dayton Aerospace core PBL BCA process was developed as a tool to support the rigorous requirements of a major program decision point, e.g., final strategy decision, Milestone C, etc. The approach is highly integrated and consists of a cost structure, objective performance measures, sustainment integration structure, and risk assessment. It is based on the premise that each alternative concept analyzed must be fully executable. Promoting early, effective, and continuing stakeholder participation is a primary objective of our BCA methodology. It is similar to a source selection process and includes both qualitative and quantitative analyses, fully auditable, and organized to provide a side-by-side comparison to arrive at a best value solution.

Our three-phased approach is:

- Tailored to specific client requirements
- Compliant with the client's policies
- Compliant with the government's BCA policies (e.g., CAIG guidance)



- Supportive of the decision maker
- Focused on best value

Tailoring the Core Process

We offer core process tailoring options to accommodate other PBL decision requirements or resource considerations. For example, by using our team of experts to lead the development of the sustainment alternative concepts, rather than the implementing organization, time and resources can be reduced. While not suitable to support a major program decision, it will yield ROM analysis sufficient for making initial PBL Strategy decisions including determining the scope for further action.

Our Team Approach

Our PBL BCA teams consist of highly experienced, cross-functional personnel whose backgrounds and expertise span program management, integrated logistics support, contracting, engineering, and financial management. Each is a retired senior military officer or government civilian, with 30+ years experience, and has direct experience on BCA support efforts over the last five years.

Dayton Aerospace Experience

Dayton Aerospace has conducted long-term sustainment BCAs for government and industry, including some of the largest PBL BCA support studies ever conducted:

- F-35 JSF
- CV-22
- Apache
- F-22
- C-17
- Chinook

Dayton Aerospace Support

We provide full-spectrum BCA support tailored to your needs:

- Policy research and analysis
- PBL Strategy development
- Planning and assistance
- Risk Assessments and risk mitigation planning
- BCA implementation
- Subject Matter Experts (SMEs)

