 APB/DAB/MDA/ADM/Exit Criteria


Same sequence as the TD phase.

APB updated.

MDA determines if program can move into P&D phase.

Exit criteria established.

ADM published.

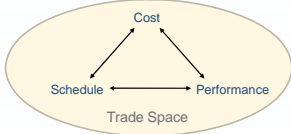
 APB Derivation

Developed by PM.


Begins with:

- Users' requirements
- Schedule requirements
- Estimates total program cost

Sponsor provides threshold and objective values.



The diagram shows a triangle with 'Cost' at the top vertex, 'Schedule' at the bottom-left vertex, and 'Performance' at the bottom-right vertex. Arrows connect each pair of vertices, forming a triangle. Below the triangle is the text 'Trade Space'.

 **APB Approval**

PM prepares APB prior to program initiation.


Revised at each subsequent milestone (if needed).

Revised if a deviation occurs that's been caused by external factors.

MDA approves APB.

Concurrence by PEO (all ACAT pgms) and DoD CAE (ACAT I and IAM) required.

Coordinated with stakeholders (e.g., DAB/ITAB).

 **APB Content (Cost)**


Realistic cost estimates.

Revised as actual figures are available.

APB cost elements include:


- Research, development, test, and evaluation costs
- Procurement costs
- Military construction costs
- Operations and maintenance (O&M) costs
- Total system quantity
- Average Procurement Unit
- Program Acquisition Unit Cost
- Any other cost objectives established by the Milestone Decision Authority

Cost parameters provide in 'base' year and 'then' year dollars.

 **APB Content (Schedule)**

Projected dates for:

- Program initiation
- Decision points
- Reviews
- T&E activities
- Initial Operational Capability



The diagram illustrates the program schedule with the following components:

- Stage 1:** Materiel Solution Analysis (Milestone A, Decision Point: Materiel Development Decision)
- Stage 2:** Technology Development (Milestone B, Decision Point: Post PDR Assessment)
- Stage 3:** Engineering and Manufacturing Development (Milestone C, Decision Point: Post-CDR Assessment)
- Stage 4:** Production & Deployment (Milestone IOC, Decision Point: FRP Decision Review)
- Stage 5:** Operations & Support (Milestone FOC)



APB Content (Performance)

Performance parameters kept to a minimum.

Parameters may change.

APB Review:

- OSD
- Joint Staff (J8)

Review ensures:

- Capability is met
- Program is affordable
- Program is completed on time
