**CDR Questions from**

**Defense Acquisition Guidebook**

Typical CDR success criteria include affirmative answers to the following exit questions:

1. Does the status of the technical effort and design indicate operational test and evaluation success (operationally effective and suitable)?
2. Does the detailed design (hardware and software) including interface descriptions completed, as disclosed, satisfy the Capabilities Development Document or any available draft Capability Production Document?
3. Has the system product baseline been established and documented to enable hardware fabrication and software coding to proceed with proper configuration management?
4. Has the detailed design satisfied sustainment and Human Systems Integration requirements?
5. Are adequate processes and metrics in place for the program to succeed?
6. Are the risks known and manageable for testing in support of developmental and operational evaluation objectives?
7. Is the program schedule executable (technical/cost risks)?
8. Is the program properly staffed?
9. Is the program executable with the existing budget and the approved product baseline?
10. Is the detailed design producible within the production budget?
11. Is the updated Cost Analysis Requirements Description (CARD) consistent with the approved product baseline?
12. Are all Critical Safety Items and Critical Application Items identified?
13. Does the updated cost estimate fit within the existing budget?
14. Is the software functionality in the approved product baseline consistent with the updated software metrics and resource-loaded schedule?
15. Have key product characteristics having the most impact on system performance, assembly, cost, reliability, and sustainment or safety been identified?
16. Have the critical manufacturing processes that affect the key characteristics been identified and their capability to meet design tolerances determined?
17. Have process control plans been developed for critical manufacturing processes?
18. Have manufacturing processes been demonstrated in a production representative environment?
19. Are detailed trade studies and system producibibility assessments underway?
20. Are materials and tooling available to meet pilot line schedule?
21. Has the system production cost model been updated, allocated to subsystem level, and tracked against targets?
22. Are long lead procurement plans in place and has the supply chain been assessed?
23. Are the ESOH residual risks known and manageable?