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| **Program Name:** |  |
| **Release:** |  |
| **Date Prepared:** |  |

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| --- | --- | --- |
| **#** | **The PDR success criteria include affirmative answers to the following questions:** | **Y / N / NA** |
|  | Does the status of the technical effort and design indicate operational test success (operationally suitable and effective)? |  |
|  | If **NO**, please explain: |  |
|  | Can the preliminary design, as disclosed, satisfy the Capability Development Document? |  |
|  | If **NO**, please explain: |  |
|  | Has the system allocated baseline been established and documented to enable detailed design to proceed with proper configuration management? |  |
|  | If **NO**, please explain: |  |
|  | Are adequate processes and metrics in place for the program to succeed? |  |
|  | If **NO**, please explain: |  |
|  | Have human integration design factors been reviewed and included, where needed, in the overall system design? |  |
|  | If **NO**, please explain: |  |
|  | Are the risks known and manageable for development testing and operational testing? |  |
|  | If **NO**, please explain: |  |
|  | Is the program schedule executable (technical/cost risks)? |  |
|  | If **NO**, please explain: |  |
|  | Is the program properly staffed? |  |
|  | If **NO**, please explain: |  |
|  | Is the program executable with the existing budget and with the approved system allocated baseline? |  |
|  | If **NO**, please explain: |  |
|  | Does the updated cost estimate fit within the existing budget? |  |
|  | If **NO**, please explain: |  |
|  | Is the preliminary design producible within the production budget? |  |
|  | If **NO**, please explain: |  |
|  | Is the updated Cost Analysis Requirements Description consistent with the approved allocated baseline? |  |
|  | If **NO**, please explain: |  |
|  | Is the software functionality in the approved allocated baseline consistent with the updated software metrics and resource-loaded schedule? |  |
|  | If **NO**, please explain: |  |
|  | Does the design address explicit issues of the application as defined by the program manager? |  |
|  | If **NO**, please explain: |  |
|  | Does the design adhere to standards (i.e. if the design is represented in a particular design language, does it follow the standard for that language)? |  |
|  | If **NO**, please explain: |  |
|  | Is the design or the elements of the design traceable to allocated requirements and is this traceability reflected in the design details at the preliminary design level? |  |
|  | If **NO**, please explain: |  |
|  | Does the design provide confidence that the product resulting from the design will perform adequately (satisfy key performance parameters and interface with other applications) in the production environment? |  |
|  | If **NO**, please explain: |  |
|  | Are the functions and interfaces of the product components of the design well defined at the preliminary design level? |  |
|  | If **NO**, please explain: |  |
|  | Are all of the requirements represented in the design? |  |
|  | If **NO**, please explain: |  |
|  | Are the product component requirements represented by the functions of the product components in the design? |  |
|  | If **NO**, please explain: |  |
|  | Have “To-Be” Department of Defense Architecture Framework (DoDAF) products accurately described the system (in terms of missions, concepts, organizations, roles/actors, operations, system/product functions/components, functional architecture, external interfaces, transactions flow, timing sequences, business rules, Key Performance Parameters (KPPs), data elements, technical standards, and technology) at the preliminary design level? |  |
|  | If **NO**, please explain: |  |
|  | Have “To-Be” DoDAF products adequately addressed design and design constraints at the preliminary design level (e.g., data and information for SV-10 and SV-11)? |  |
|  | If **NO**, please explain: |  |
| **Lessons Learned** |
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| **Areas for Improvement** |
|  |
| **Recommendations** |
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Send Lessons Learned worksheets to the ASO when completed.

