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This chart is a classroom aid for Defense Acquisition University students. It provides a notional illustration of interfaces among three majo decision support systems used to develop, produce and field a weapon system for national defense. Defense acquisition is a complex process with many more activities than shown here and many concurrent activities that cannot be displayed on a two-dimensional chart. Supporting information is on back of this chart. For more information, see the Defense Acquisition Portal (http://dap.dau.mil). Production & Deployment Phase < Operations & Support Phase— Achieve operational capability that satisfies mission needs. Low-rate initial production (limited deployment for software intensive Execute support program that meets materiel readiness and systems with no development hardware) and full-rate production (full deployment for software intensive systems). Deliver operational support performance requirements and fully funded quantity of systems and supporting material and services for program or increment to users. sustains system in most cost-effective manner. Full-Rate Production/Deployment Overlaps Production and Deployment Phase. Low-Rate Initial Production Disposal Life Cycle Sustainment FRF FOC FDDR Threat Assessment For softwa intensive Force Survivability systems ----Protection KPP Standards & Net-Ready KPPs Traceable To ICD & JP 3-0 interfaces ----KPP Selectively Applie Assurance System Energy Training Efficiency KPP KPP M Joint Staff Review _____ ponent/JROC/ Validated and approved J Threshold/objective tradeoffs – F CDD & CPD for each increment of Validation 8 Revised Performance Attributes Approval evolutionary acquisition Tw MUA/Final Demo Informatio Support Plan Report for KPP oint Capability Technolog Demonstrations & other KSA Clinger-Cohen Act (IT incl | lncrement 2 🐢 Exit DAB/ PSR APB Criteria MDA ADM lncrement 3 🐨 ITAB Met Exit Acquisition Strategy **Total Life** ability Needs Test & Evaluation Data Management
Life-Cycle Sustainment Plan
Life-Cycle Signature Support Level Integrated Schedule Cycle Systems CBRN Survivability Management Risk & Risk Managem Human Systems Integratio chnology Maturation lustrial Capability & Military Equipment Valuation cturing Read MAIS Only AOA Final RFP cannot be released until Acq Strategy is approved Draft RFP Source Acq RFP & Source Selection Plan Proposals Selection **Post-Production Software Support Contracts** roduction Plan Contract Contract Management ECPs/Changes Contract Closeout IBR EVM Sustainment Contract Surveillance **Full-Rate** CONTRACTOR OF Final Production Product Baseline Systems Review Product Support/PBL Management Public-Private Partnering **Operations and Sustainmer** Continuous Tech Refreshment Supply Chain Manag Joint Operations Obsolescence Managemen eacetime •Crises PBA Modifications Configuration Control Training Revalidate BCA •Refine LCSP ssessment of PSI/PSPs •Data Management FRP Monitor Performance & Adjust validate PBA/BCA Product Support DR Pre-IOC and Post IOC Supportability Assessment Disposal FOT&E Report to Congress as require Recycle/Reuse LFTE Report to Congress JITC Joint Interoperabilit Test Certification OUTPUTS INPUTS OUTPUTS Least rvice Use Data duct Baseline Data for In-Service Review •Test Reports •SEP •PESHE •TEMP User Feedback •Failure Repo Input to CDD for next increment Discrepancy Reports Modifications/upgrades to fielde System Safety Analysis •SEP systems •SEP •Test Reports •System Safety Analysis •Product Support Element Inputs to: -IBR - Cost/Manpower Est. •System Safety Analysis Product Support Pac Requirements Product Support Package n-Service PCA Review Monitor & Collect Verify and Validate Implement and Verification Validation Linkage Production Service Use & Supply Field Configuration hain Performance Data Trades Analyze Data to: Trades Assess Risk of Validate Failures & Modify Configuration Improved System (Hardware/Software/Specs To Correct Deficiencies Determine Root Causes Determine System Risk/ Integrate and Test **Corrective Action** Hazard Severity Process Change Develop Operations/Maintenance Support Corrective omic Analysis (MAIS) Materiel Change In FYDF Action lanpower Estimate (MDAP - Hardware/Product Support Packag CARD CCE CCP ICE **Actual Costs** Procurement **Operations and** Maintenance _ . _ . _ . _ . _ . _ DoD Testimony DoD Appeals Allocation Apportionment Authorization/ Authorization Budget Appropriation Appropriation Committees Committees Committees Acts Passed

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