

# Life Cycle Sustainment Plan (Covered vs Non-Covered)

- The LCSP is the primary program management reference governing operations and support planning and execution from program inception to disposal.
  - An LCSP is required for all **covered systems** and is the principal document establishing the system's product support planning and sustainment, pursuant to Section 4324 of Title 10, U.S.C.
  - A tailored LCSP may be used for all systems that are **not covered** by Section 4324 of Title 10, U.S.C. (non-covered systems), as approved by the LCSP signature authority.
  - The term "covered system" means-
    - (A) a major defense acquisition program as defined in Section 4201 of Title 10, U.S.C.; or
    - (B) an acquisition program or project that is carried out using the rapid fielding or rapid prototyping acquisition pathway under **section 804 (RF/RP) of the National Defense Authorization Act for Fiscal Year 2016** that is estimated by the Secretary of Defense to require an eventual total expenditure described in Section 4201(a)(2)
      - > \$300M RDT&E ;or
      - > \$1,800M Procurement
- (based on fiscal year 1990 constant dollars)

# Life Cycle Sustainment Plan (Covered vs Non-Covered)

## For covered systems, a detailed LCSP will include:

- (1) A comprehensive PSS
- (2) Performance goals, including:
  - (a) Sustainment key performance parameters (KPPs) (b) Key system attributes (c) Other appropriate metrics
- (3) An approved life cycle cost estimate for the system
- (4) Results of the Product Support Business Case Analysis (PS BCA)
- (5) Affordability constraints and key cost factors that could affect the system's O&S costs and proposed mitigation plans
- (6) Sustainment risks, SCRM, and diminishing manufacturing sources and material shortage (DMSMS) risk management and proposed mitigation plans
- (7) Engineering and design considerations, including DMSMS resilience, that support cost-effective sustainment for the system
- (8) A technical data and intellectual property (IP) management plan for product support
- (9) Major maintenance and overhaul requirements for the system's life cycle
- (10) A plan to leverage enterprise opportunities across programs and DoD Components

## At a minimum, a tailored Non-Covered system LCSP will include:

- (1) Actions for achieving supportability and sustainment requirements
- (2) Methods to identify individuals responsible for sustainment planning
- (3) Required elements of sustainment planning
- (4) Timing of sustainment planning activities in the acquisition process
- (5) Measures and metrics to assess compliance with the LCSP
- (6) Actions to continuously monitor PSIs' and/or PSPs' performance and ensure compliance with the LCSP
- (7) The content and implementation status of the product support solution (including any sustainment contracts) to achieve and maintain the product support
- (8) Description of IP (e.g., technical data and software deliverables and associated license rights) necessary to enable cost-effective product support
- (9) Identification of PSPs and PSIs
- (10) Results of the PS BCA
- (11) Core depot analysis
- (12) Predictive analysis and modeling tools to improve materiel availability (AM) and reliability, increase operational availability (AO), and reduce O&S costs
- (13) A bed-down plan defining system quantity by year until system retirement and disposal

# Adaptive Acquisition Framework

