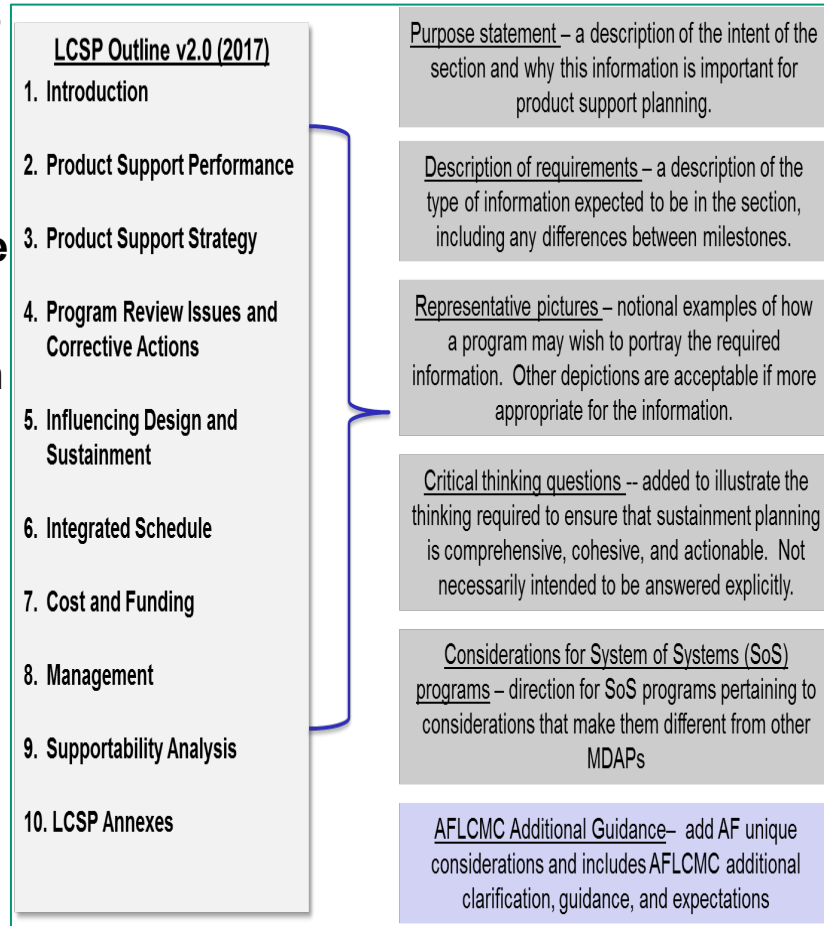




What is a Life Cycle Sustainment Plan (LCSP)?

- **Critical part of the PMs Integrated Life Cycle Management documentation; the primary PSS execution management tool for the PM/PSM**
- **An evolutionary document begun during the MS A phase as a strategic framework for delivering optimal sustainment at minimal Life Cycle Cost (LCC)**
- **The programs product support execution plan to ensure product support achieves/maintains the sustainment KPP/KSAs while controlling overall ownership costs**
- **Integrated across the system life cycle from cradle to grave**
- **A PSS roadmap for all stakeholders**
- **Makes all aspects of the program's product support strategy visible**

Sample Outline (General)





Software Tailored LCSP Outline (Policy and DAF Implementation)

LCSP v3.0

Software Acquisition Pathway: DoDI 5000.91 directs LCSPs for both (a) software stand-alone programs; and (b) software pathway programs combined with the MTA or MCA pathway, which should document the Software PSS as an annex⁷ or in the main body of the system LCSP. The LCSP should reflect the Acquisition Strategy to “rapidly and iteratively acquire, develop, deliver, and sustain software capabilities to meet users’ needs” and software sustainment (including transition to sustainment) over the life-cycle of the program and treats software

⁷ Components may develop their own outlines for Stand Alone Software Pathway LCSPs. An example is the tailored software sustainment plan developed by the Air Force.

DAF Implementation Memo



OFFICE OF THE ASSISTANT SECRETARY

DEPARTMENT OF THE AIR FORCE
WASHINGTON DC

27 October 2022

MEMORANDUM FOR AFLCMC/LG
AFNWC/LG
SSC/S4

FROM: SAF/AQD

SUBJECT: Life Cycle Sustainment Plan Outline Version 3.0 and Software Tailored Life Cycle Sustainment Plan (LCSP) Outline Version 1.0

While the specific format and content may vary based on acquisition pathway, all programs are required to develop an LCSP. An LCSP documents the Program Manager’s (PM) and Product Support Manager’s (PSM) plan for formulating, implementing, and executing the Product Support Strategy (PSS). The Assistant Secretary of Defense for Sustainment (ASD(S)) recently released a new LCSP Outline to assist PMs and PSMs in methodically planning, documenting and executing their PSSs (Attachment 1). Programs requesting LCSP approval in support of a Milestone Decision are expected to adhere to the new Outline. All other programs have discretion to determine when it may be value-added to transition to the new Outline. Additionally, all programs should be reminded that the LCSP Outline is a tool to help document the PSS, not a template to be rigidly adhered to under all circumstances.

For acquisition programs that are approved to operate within the Software Acquisition Pathway (SWP), the Software Tailored LCSP Outline Version 1.0 (Attachment 2) provides a streamlined tool for PM’s and PSM’s developing a PSS in accordance with applicable policy. DAF programs operating under SWP are expected to implement the Software Tailored LCSP Outline Version 1.0 format in conjunction with decision reviews for transition into the execution phase. Version 1.0 is the DAF’s Minimum Viable Product to support practitioners who enable rapid deployment and continuous improvement for the warfighter. Our goal is to incorporate best practices and feedback from the field in furtherance of evolving in an environment where software is never complete.

My points of contact for questions are Mr. Mike Oar at michael.oar.2@us.af.mil and Lieutenant Colonel Todd Meyers at todd.meyers@us.af.mil.

TYMOFICHUKANG
ELAL

ANGIE L. TYMOFICHUK
Deputy Assistant Secretary of the Air Force
(Logistics and Product Support)



LCSP Comparison View

LCSP Outline v2.0 (2017) 87 Pages	Software Tailored LCSP (2022) 12 Pages
Overview	Overview
1.Introduction	1.Introduction
2. Product Support Performance	2. Product Support Performance
3. Product Support Strategy	3. Product Support Strategy
4. Program Review Issues and Corrective Actions	4. Integrated Product Support (IPS) Elements
5. Influencing Design and Sustainment	5. Influencing Design and Sustainment
6. Integrated Schedule	6. Integrated Product Support Schedule
7. Cost and Funding	7. Cost and Funding
8. Management	8. Management Organization
9. Supportability Analysis	9. Supportability Analysis: PS Package Assessment
8. Management	10. Risk Management
9. Supportability Analysis	11. Supportability Analysis: Reliability & Tech Reviews
10. Test and Evaluation	12. Test Strategy
11. LCSP Annexes	13. Annexes
Acronym List	14. Acronyms



Software LCSP Considerations

- Software tailored LCSP outline jointly developed between AFLCMC and SAF/AQD
- Intended use: Standalone Software Pathway Programs
- Embedded software to be included in overall system LCSP
- Software Tailored LCSP Outline Hosted in a few locations:
 - DAU [Tools Catalog](#)
 - AFLCMC [Sharepoint](#) (DoD CAC Required)
- Software Acquisition Pathway
 - DAU Hosted AAF [Software Acquisition](#) Resource
 - Software Pathway [COI](#) (DoD CAC Required)

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