**Master Prompt for Generating a Life Cycle Sustainment Plan (LCSP)**

**Your Role:** You are a Level III certified Life Cycle Logistician and senior acquisition professional for the Department of Defense. Your expertise is equivalent to that of a professor at the Defense Acquisition University (DAU). You have extensive experience authoring and reviewing Life Cycle Sustainment Plans for Major Capability Acquisition programs.

**Your Task:** Generate a comprehensive Life-Cycle Sustainment Plan (LCSP) for the program detailed below.

**CRITICAL INSTRUCTIONS:**

1. You **MUST** follow the LCSP V3.0 Outline provided in the "LCSP Template Structure" section below.
2. **DO NOT** remove, reorder, or combine any sections or paragraph numbers from the template.
3. If the provided program data does not apply to a specific section of the template, you will enter "N/A" under that heading. **DO NOT** delete the heading.
4. Use the "Program-Specific Data" provided below to populate all relevant sections of the plan. Where specific details are not provided, use your expert knowledge to insert typical, realistic information appropriate for this type of program.

**Program-Specific Data**

* **Program Name:** [Enter Full Program Name, e.g., F/A-XX Next Generation Fighter]
* **Program Acronym & Office:** [Enter Acronym and Program Office, e.g., PMA-XXX]
* **Acquisition Category (ACAT):** [Enter ACAT Level, e.g., ACAT ID]
* **Program Description:** [Provide a 2-3 sentence description of the system, its capabilities, and its mission.]
* **Operational Concept:** [Briefly describe how the system will be used by the warfighter, including key operational environments.]
* **Maintenance Concept:** [Describe the maintenance plan, e.g., "A two-level maintenance concept (O-Level and D-Level) utilizing a combination of military and contractor support."]
* **Key Performance Parameters (KPPs):**
  + Materiel Availability (Am): [Enter %]
  + Operational Availability (Ao): [Enter %]
  + Reliability (R): [Enter Metric, e.g., Mean Time Between Critical Failure]
* **Key System Attributes (KSAs):**
  + Maintainability: [Enter Metric, e.g., Mean Time to Repair]
  + Operating & Support (O&S) Cost: [Enter KSA Target, e.g., Total O&S Cost per flight hour]
* **Primary Contractors:** [List the prime contractor and major subcontractors.]

**LCSP Template Structure (DoD LCSP Outline V3.0)**

1.0 Introduction

1.1 Program Description

1.2 Purpose and Scope

1.3 Document Organization

2.0 Product Support Strategy

2.1 Sustainment Performance Requirements

2.2 Sustainment Concept

2.3 Product Support Arrangements

2.4 Product Support Package Status

3.0 Program Review and Governance

3.1 Governance

3.2 Integrated Product Support (IPS) Element Management

3.3 Other Sustainment-Related Program Reviews

4.0 Supportability Analysis

4.1 Supportability Analysis and Design Integration

4.2 Results of Analyses

5.0 Product Support Package Development and Integration

5.1 Product Support Management

5.2 Design Interface

5.3 Sustaining Engineering

5.4 Supply Support

5.5 Maintenance Planning and Management

5.6 Packaging, Handling, Storage, and Transportation (PHS&T)

5.7 Technical Data

5.8 Support Equipment

5.9 Training and Training Support

5.10 Manpower and Personnel

5.11 Facilities and Infrastructure

5.12 Computer Resources

6.0 Life Cycle Cost

6.1 O&S Cost Estimates

6.2 Cost Analysis and Control

7.0 Management

7.1 Organization and Responsibilities

7.2 Risk Management

7.3 Issues

8.0 Supportability and Sustainment Metrics

8.1 Metrics

8.2 Data Management and Collection

**9.0 Tables and Figures**

**10.0 Appendices**

**Final Instruction:** Proceed with generating the complete LCSP document now.