Acquisition Process Model
1.0 Perform Air Force Acquisition

Governing
Oversight (Review and Approve)

Program and Budget (PPBE)

Develop
Requirements and Preliminary Design

Acquire (Develop and Operate)

Conduct “Program” Management Tasks

Note: Each input/output in the APM is hyperlinked to all other occurrences in the model.
Program Integration provides the AF with consistent insightful and synchronized recommendations, improved data reporting and analysis, and maximized utilization of resources. The objective is to strengthen decision-making across AF Acquisition leadership.
### Actual Template

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<thead>
<tr>
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<tbody>
<tr>
<td>DD Form 1222 Requests For and Results of Tests</td>
<td>DoD Acquisition Strategy Template</td>
<td>DoD Integrated Program Management Report</td>
<td>DD Form 250 Material Inspection and Receiving Report</td>
</tr>
<tr>
<td>DoD Memo on Document Streamlining – Program Protection Plan</td>
<td>DoD Reliability Growth Curve</td>
<td>DoD Life Cycle Sustainment Plan Outline</td>
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<tr>
<td>DoD Systems Engineering Plan Outline</td>
<td>DoD Test and Evaluation Master Plan</td>
<td>DoD SD Form 106 DoD Issuances Program Coordination Record</td>
<td>DoD Acquisition Strategy Template</td>
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### Locations in the APM

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Acquisition Process Model
Enterprise Metrics – ACAT I Programs

Materiel Development
Decision

Technology Maturation
and Risk Reduction

Engineering and
Manufacturing
Development

Production
and Deployment

Operations and
Support

MSB to MSC Average Estimate 75 months
MSB to IOC Average Estimate 90 months
MSB to FRP Average Estimate 120 months
MSC to IOC Average Estimate 30 months
MSC to FRP Average Estimate 35 months

Note: The metrics listed above are based on FY15 Q2 Air Force Acquisition Quarterly Performance Assessment (Issued May 2015)
Acquisition Process Model
Defense Acquisition Management System Models

**MODEL 1**
HARDWARE INTENSIVE PROGRAM

**MODEL 2**
DEFENSE UNIQUE SOFTWARE INTENSIVE PROGRAM

**MODEL 3**
INCREMENTALLY FIELDED SOFTWARE INTENSIVE PROGRAM

**MODEL 4**
ACCELERATED ACQUISITION PROGRAM

**MODEL 5**
HYBRID - HARDWARE DOMINANT PROGRAM

**MODEL 6**
HYBRID - SOFTWARE DOMINANT PROGRAM
Acquisition Process Model
Defense Acquisition System Model 1: Hardware Intensive Program

Legend
- Triangle: Milestone Review
- Diamond: Decision

A: Materiel Solution Analysis
B: Technology Maturation & Risk Reduction
C: Engineering and Manufacturing Development

Decision Points:
- Materiel Development Decision
- Development Request for Proposals (RFP) Release Decision
- Full-Rate Production (FRP) Decision
- Initial Operational Capability (IOC)
- Full Operational Capability (FOC)

Phases:
- Materiel Development Decision
- Technology Maturation & Risk Reduction
- Engineering and Manufacturing Development
- Production and Deployment
- Operations and Support

Stages:
- Low Rate Initial Production (LRIP)
- OT&E
- Sustainment
- Disposal
Acquisition Process Model
Defense Acquisition System Model 2: Software Intensive Program

Legend

- Triangle: Milestone Review
- Diamond: Decision

Materiel Development Decision

A: Materiel Solution Analysis

B: Technology Maturation & Risk Reduction

Builds:
- Build 0.1
- Build 1.1
- Build 1.2
- Build 1.3
- Build 1.4
- Build 1.5

C: Engineering and Manufacturing Development

Integration: Build 2.1

Full-Rate Deployment Decision (FDD)
IOC
Full Deployment (FD)

Operations and Support

Legend:

- Triangle: Milestone Review
- Diamond: Decision
Acquisition Process Model
Defense Acquisition System Model 4: Accelerated Acquisition Program

Legend

- Milestone Review
- Decision
Acquisition Process Model
Hybrid Acquisition Programs (Hardware Dominant) View

Legend
- ▲ Milestone Review
- ◊ Decision

Materiel Solution Analysis
Technology Maturation & Risk Reduction
Engineering and Manufacturing Development
Production and Deployment
Operations and Support

Go Up 1 Level
Acquisition Process Model
Hybrid Acquisition Programs (Software Dominant) View

Legend

- **Milestone Review**
- **Decision**

**Materiel Development Decision**

**Technology Maturation & Risk Reduction**

- Build 1.0.1

**Integrated**

- Build 1.1
  - Build 1.1.1
  - Build 1.1.2
  - Build 1.1.3

**Integration**

- Build 1.2
  - Build 1.3
    - Build 1.3.1
    - Build 1.3.2

**Limited Deployment (LD)**

- OT&E
- Sustainment

**Operations and Support**

- **IOC**
- **FD**
- **Build**
  - Build 2.0.1
  - Build 2.1.1
  - Build 2.1.2
  - Build 2.1.3

**Risk Reduction**

**Development RFP Release Decision**

- Development
- FDD

**Increment 2**
Governing

Execute Acquisition Management Integration

- Programmatic Data
- Request for Information

Enabling

Core

1.1.1 Program Reviews

1.1.2 Portfolio Reviews

1.1.3 Lifecycle Reviews & Decisions

1.1.4 Technical Reviews

Note 1 from the Chief Process Officer: The Under Secretary of Defense for AT&L has provided four key enduring acquisition principles. The first of these principles is “Think”. Program managers should tailor the program according to the specific needs of that program. The rote checking the blocks in a checklist or simply following each and every step of a process is the antithesis of Mr Kendall's challenge to Program Managers. Use this Model as a model. If your program's situation warrants a waiver from the checklist or process, seek that waiver from your milestone decision authority. CTRL-Click here to access an active link to Mr. Kendall’s thoughts.

Note 2: The purpose of program tailoring is to streamline the acquisition program to the maximum extent possible, consistent with risk, to provide new systems to operational commanders as fast as possible. DoDI 5000.02, Section 5.a.2; AFPAM 63-128, Section 14.1
Acquisition Process Model

1.1 Oversight (Review and Approve) – Standard Review Process

Determining the Type of Oversight Action

Identify Prerequisites for Oversight Action

Prepare for Oversight Action

Conduct Oversight Action

Document and Monitor Oversight Action

Program Status

Programmatic Data

Program Reporting

Programmatic Data

Program Status

Core

Note: The above process is the standard process used for the various reviews. The specific program, portfolio, lifecycle, and technical reviews vary based on specific inputs, specific outputs, and the process owners/performers.
Acquisition Process Model

1.1.1 Program Reviews

**Specific Program**

- 1.1.1.1 Investment Budget Review (IBR) / Spring Program Review (SPR)
- 1.1.1.7 Manage Will Cost/Should Cost
- 1.1.1.9 Independent Review
- 1.1.1.2 Configuration Steering Board (CSB)
- 1.1.1.8 Post-IOC Sustainment Review

**Non-Specific Program**

- 1.1.1.3 Integrated Lifecycle Management Executive Forum (ILCM EF)
- 1.1.1.5 Performance Assessment & Root Cause Analysis (PARCA)

**Enabling**

**Core**

**Go Up 1 Level**

**PEO View**
1.1.1.1 Investment Budget Review / Spring Program Review

- **Identify Prerequisites for IBR / SPR**
- **Prepare for IBR / SPR**
- **Conduct IBR / SPR**
- **Document and Monitor IBR / SPR Action**

Programmatic Data

*Go Up 1 Level*
1.1.1.1.5 Conduct Spring Program Review

**Trigger:** November

- **Prepare for Spring Program Reviews (SPR)**
  - Meeting Logistics
  - Town Hall Brief

- **Review Programs at Centers**
  - SPR Action Items
  - Review Results

- **Conduct Post-Review Activities**
  - Action Item Status
Acquisition Process Model
1.1.1.1.5.1 Prepare for Spring Program Reviews (SPR)

Go Up 1 Level

Note: This process is based on the AFLCMC Process Guide for Spring Program Reviews.
Go Up 1 Level
Acquisition Process Model

1.1.1.1.5.3 Conduct Post-Review Activities

- **Govern**:
  - Executing Pulls/Adds
  - Review Programs at Centers
  - Document Paybacks

- **Core**:
  - Adjusted Obligations
  - List of Bills for Top Down Brief
  - Completed Reviews

- **Enabling**:
  - Issue Program Authorization (PA)
Acquisition Process Model
1.1.1.2 Configuration Steering Board (CSB)

**Identify Prerequisites for CSB (Configuration Steering Board) Review**

**Prepare for CSB Review**

**Conduct CSB Review**

**Conduct Quarterly Leadership Forums**

**Leadership Program Direction**

**Recent and Pending Near-Term Decision**

**Draft CSB Charts**

**Revised CSB Charts**

**Program Action**

**Document and Monitor CSB Action**

**Program Status**

**Program Reporting**

**Programmatic Data**

**NOTE:** Mr. Kendall issued a memo on 9 Nov 13 providing additional guidance regarding CSB activity. Please CTRL-Click to access an active link to the memorandum.
Acquisition Process Model
1.1.1.3 Integrated Lifecycle Management Executive Forum

Identify Prerequisites for ILCM EF (Integrated Lifecycle Management Executive Forum) Review

Prepare for ILCM EF Review

Conduct ILCM EF Review

Document and Monitor ILCM EF Action

Serve as ILCM EF Secretariat

Program Reporting

Programmatic Data

Program Review Action Checklist

Needed information

ILCM EF Inputs

ILCM EF Results

ILCM EF Action Items

Program Status

Program Action

Serve as ILCM EF Secretariat

ILCM EF Action Items

ILCM EF Results

Needed information

Program Review Action Checklist

Programmatic Data

Program Reporting
Acquisition Process Model

1.1.1.5 Performance Assessment & Root Cause Analysis (PARCA)

**Conduct Performance Assessment**

- Programmatic Data

**Conduct Root Cause Analysis for MDAPs**

- Performance Assessment
- Root Cause(s)

**Issue PARCA Guidance**

- PARCA Guidance

**Note:** This includes reviews conducted after Nunn-McCurdy breaches.
Note: CTRL-Click here to access an active link to the 22 April 11 OSD Memorandum on Implementation of Will Cost and Should Cost.
Acquisition Process Model
1.1.1.8 Post-IOC Sustainment Review

Governing

Core

Enabling

Identify Required Documentation

Prepare for Post-IOC Sustainment Review

Conduct Post-IOC Sustainment Review

- Life Cycle Cost Estimate
- LCSP
- Programmatic Data

Compiled Data for Post-IOC Sustainment Review

Post-IOC Sustainment Briefing Package

Program Status

Review Recommendations
Acquisition Process Model
1.1.1.9 Independent Reviews

1. Identify Programs/Activities for Review
2. Prepare for Independent Reviews
3. Conduct Independent Reviews

Programmatic Data
List of Programs/Activities For Review
Independent Review Briefing Package
Program Status
Review Recommendations
Acquisition Process Model
1.1.2 Portfolio Reviews

1.1.2.1 PEO / SAE
1.1.2.2 Budget Execution Review
1.1.2.3 ASR
1.1.2.5 Capability Portfolio Review

Perform Portfolio Analysis
- POM Analysis
- PBR Analysis
- ADM Compliance Assessment

Conduct SAF/AQ Portfolio Management
- Finalized Budget
- Definitized Agreement
- POM Results
- PBR Results
- RMD
- ABIDES Data
- ADM Funding Profile

Enabling
- AQ Spend Plan Request
- MAJCOM Requirements
- SOW

Core
Go Up 1 Level
PEO View
BACK FWD
Acquisition Process Model
1.1.2.1 PEO Reviews

- Identify Prerequisites for PEO SAE Review
- Prepare for PEO SAE Review
- Conduct PEO SAE Review
- Identify Prerequisites for PEO SAE Review

Meeting Log.
Program List
Program Information Request
Program Reporting
Program Data

Identify Prerequisites for PEO SAE Review
Prepare for PEO SAE Review
Conduct PEO SAE Review
Document & Monitor PEO SAE Review Action
Formal Position/Close Action Item

- Go Up 1 Level
Acquisition Process Model
1.1.2.1.1 PEO Review – Identify Prerequisites for PEO SAE Reviews

- Go Up 1 Level

- Coordinate Meeting Logistics (VTC Only)
  - Meeting Logistics

- Communicate the Need for Review
  - List of Programs
  - Program List
  - Programmatic Data
  - Program Reporting
  - SAE Program Information Request
  - Invitee List
  - Notification of Review

- Modify List of Programs
  - Program List
1.1.2.1.2 PEO Review – Prepare for PEO SAE Review

- Notify the Appropriate Program Personnel
- Develop Final Briefing
- Notify POCs of Availability of Final Briefing
- Prepare Read-Aheads & Upload to SMART
- Pre-Brief with SAE & Deputy
- Final Read Ahead Package

Go Up 1 Level
Acquisition Process Model
1.1.2.1.2.2 Develop Final Briefing

Source: Oversight Command and Control Focus Area
June 2006
Ms. Janet Hassan, Team Lead
Acquisition Process Model
1.1.2.1.4 PEO Review – Document & Monitor PEO-SAE Review Action
Acquisition Process Model
1.1.2.2 Budget Execution Review

Identify Prerequisites for Budget Execution Review

Prepare for Budget Execution Review

Conduct Budget Execution Review

Document and Monitor Budget Execution Review Action

Program Action

Needed Information

Program Status

Program Reporting

Programmatic Data
Acquisition Process Model

1.1.2.3 Acquisition Sustainment Review

- Identify Prerequisites for ASR
- Prepare for ASR
- Conduct ASR
- Document and Monitor ASR Action

Go Up 1 Level
Acquisition Process Model
1.1.2.6 Conduct SAF/AQ Portfolio Management

Administer Budget Process

- AQ Spend Plan Request
- MAJCOM Requirements

Finalized Budget

Conduct SAF/AQ Source Selections

SOW

Definitized Agreement

BACK FWD

Go Up 1 Level
Acquisition Process Model
1.1.2.6.1 Administer Budget Process

Governing

Trigger: Request AQ Spend Plan

Gather Requirements

Consolidated Requirements

Analyze Requirements

Accepted/Validated Requirements

Coordinate Requirements for Review/Negotiation

Approved Requirements Package

Distribute Finalized Requirements

Conduct/Evaluate Quarterly Review

Requirements Package Assessment

Perform Initial Distribution

Initial Distribution

Close Out SAF/AQ Budget

Finalized Budget

Enabling

Go Up 1 Level
Acquisition Process Model
1.1.2.6.2 Conduct SAF/AQ Source Selections

Trigger: PM Submits SOW

Determine Best Source for Contract (GSA / NDOD)

Ascertained SDO Determination

Issue RFP

Conduct Source Selection

Awards Contract

Definitized Agreement

SOW

Contracting Source

USAF SDO Determination

Evaluation Results

Candidate Sources

Acknowledged Agreement

RFP
1.1.2.7 Perform Portfolio Analysis

**Analysis Process Model**

- **Analyze Portfolio for ADM Compliance**
  - ADM Compliance Assessment
  - ADM Funding Profile

- **Perform Post-POM Analysis**
  - POM COA Briefing to AQ/AQX
  - PBR Results

- **Identify RMD Impacts**
  - RMD Summary
  - Identified Programmatic Impacts

**PBR Results**

**Perform Post-PBR Analysis**

**ADM Compliance**

**POM Results**

**PBR COA Briefing to USD AT&L**
Note from the Chief Process Officer:
The Dev RFP Release ASP is combined with an AFRB. (AFI 63-101/22-101, Section 4.8.1)
Acquisition Process Model
1.1.3.1 Defense Acquisition Board (DAB)

Governing

Prepare for DAB

Conduct Formal DAB

Determine Next Steps

DRM Results

Decision to Proceed

Programmatic Data

Program Concerns

Candidate Solutions

OIPT Report

ADM

Note 1: CTRL-Click to access an Active Link to sample DAB readiness checklists prepared by OSD

Note 2: CTRL-Click to access affordability considerations at the DABs for Milestone A (3.2.1.2) & B (3.2.1.3)
Acquisition Process Model

1.1.3.1.1 Defense Acquisition Board (DAB): Prepare for DAB

Go Up 1 Level
Acquisition Process Model
1.1.3.1.1.3 Review at Senior Level

Note: The above process is also performed in preparation for the Milestone A AFRB, the Milestone B AFRB, the Milestone C AFRB, and the Full Rate Production AFRB. The only difference in these processes are the specific inputs and outputs at the various decision points.
Acquisition Process Model
1.1.3.1.3 Defense Acquisition Board (DAB): Conduct Formal DAB

Go Up 1 Level
1.1.3.2 Perform AFROC (Capability Documents)

**Acquisition Process Model**

**Governing**
- Perform AF Gatekeeper Review
- Conduct Air Force Requirements Review Group Meeting
- Validate and Endorse Capability Document
- Approve Capability Document (Air Force)
- Conduct Deliberate Staffing Process

**Enabling**
- Form HPT to Develop Draft Capability Document
- Conduct AF and Joint Coordination
- Perform Gatekeeper Activities

**Core**
- Conduct Requirements Strategy Review
- Request for RSR
- Draft CPD
- AFRRG Memorandum
- Coordinated Capability Document

**SCenario: Develop ICD**
- Joint Integration Joint Information Independent
- Validated Capability Document
- Certification / Endorsement Memo
- Sign Capability Document (Air Force)
- JROC Approved Capability Document

**Scenario: Develop CDD**
- JROC Interest
- Validated Capability Document
- Certification / Endorsement Memo
- Sign Capability Document (Air Force)
- JROC Approved Capability Document

**Scenario: Develop CPD**
- JROC Approved Capability Document

**Note:** An eAFRRG or eAFROC may be convened in cases where a decision is needed to be made by the AFRRG or AFROC body outside of the regularly scheduled AFRRG/AFROC cycle or in cases where the regular agenda is full and cannot wait until the next scheduled requirements review. eAFRRG and eAFROC will normally provide the principals five working days to review the materials. Principals are required to respond to eAFRRG/eAFROC in accordance with the AFRRG/AFROC Charter.

**Note:** The following KPPs are mandatory in requirements documents per JCIDS Manual: Force Protection KPP, System Survivability KPP, Sustainment KPP, Net-Ready KPP, Training KPP and Energy KPP. The following KSAs are mandatory in AF requirements documents: the Flight Simulator KSA.

**Requirements Documents**
- JCIDS Process Metrics
- JCIDS Documents

**Metrics**

**Gatekeeper Activities**
- Perform AF Gatekeeper Review
- Conduct Air Force Requirements Review Group Meeting
- Validate and Endorse Capability Document
- Approve Capability Document (Air Force)
- Conduct Deliberate Staffing Process

**Enabling**
- Conduct Requirements Strategy Review
- Request for RSR
- Draft CPD
- AFRRG Memorandum
- Coordinated Capability Document

**Core**
- Conduct AF and Joint Coordination
- Perform Gatekeeper Activities

**SCenario: Develop ICD**
- Joint Integration Joint Information Independent
- Validated Capability Document
- Certification / Endorsement Memo
- Sign Capability Document (Air Force)
- JROC Approved Capability Document

**Scenario: Develop CDD**
- JROC Interest
- Validated Capability Document
- Certification / Endorsement Memo
- Sign Capability Document (Air Force)
- JROC Approved Capability Document

**Scenario: Develop CPD**
- JROC Approved Capability Document

**Note:** An eAFRRG or eAFROC may be convened in cases where a decision is needed to be made by the AFRRG or AFROC body outside of the regularly scheduled AFRRG/AFROC cycle or in cases where the regular agenda is full and cannot wait until the next scheduled requirements review. eAFRRG and eAFROC will normally provide the principals five working days to review the materials. Principals are required to respond to eAFRRG/eAFROC in accordance with the AFRRG/AFROC Charter.

**Note:** The following KPPs are mandatory in requirements documents per JCIDS Manual: Force Protection KPP, System Survivability KPP, Sustainment KPP, Net-Ready KPP, Training KPP and Energy KPP. The following KSAs are mandatory in AF requirements documents: the Flight Simulator KSA.
Acquisition Process Model
1.1.3.2.1 Conduct Requirements Strategy Review (RSR)

Request Requirements Strategy Review

Schedule Requirements Strategy Review

Submit RSR Request Package

Document A5R Approval

Archive Artifacts to IRSS

Approval RSR Package

RSR Approval Memo

Updated IRSS

RSR Briefing

Requirements Documentation

FWD
Acquisition Process Model
1.1.3.2.7 Conduct Deliberate Staffing Process

Note: Inputs Vary Based on the Capability Documents

Note: Staffing Process outlined in AFI 10-601 Chapter 5 is consistent with JCIDS Manual Enclosure F CTRL-Click to access a link to AFI 10-601
1.1.3.2.8 Perform Gatekeeper Activities

- Conduct Initial Review of Incoming Documents
- Identify Lead FCB and Supporting FCBs
- Assign Joint Staffing Designator
- Identify Joint Staff Endorsements
- Assign POC to Oversee the Document
- Initiate Staffing of the Document
- Manage Gatekeeping and Staffing Metrics

**Note:** Inputs Vary Based on the Capability Documents
Acquisition Process Model
1.1.3.2.9 Conduct JROC/JCB Tripwire Process

**Core**
- **Initiate Tripwire Review**
- **Assess the Need to Adjust KPPs**
- **Revise the JCIDS Document**

**Governing**
- **Address Waiver Request**
- **Revalidate JCIDS Document**

**Enabling**

Note: Inputs Vary Based on the Capability Documents

Go Up 1 Level
Acquisition Process Model
1.1.3.3 Acquisition Strategy Panel (ASP) – Center Level

- Conduct Initial Acquisition Strategy Meeting / Early Strategy & Issue Session
- Prepare for ASP
  - Develop Acquisition Strategy
  - Draft Acq Strategy
  - Refined Acq Strategy
- Conduct ASP
- Document & Monitor ASP Action Items
- Approve Acquisition Strategy
  - Accepted Acq Strategy
  - Approved Acq Strategy
- Initial Requirements
- Initial Market Analysis
- Funding
- Program Highlights
- SAE Request
- ASP Minutes
- Closed Action Items
Acquisition Process Model
1.1.3.3.2 Prepare for ASP

Note: This is an AFMC Standard Process. It is included in this model in advance of Streamlining and Redesign.

Note: The purpose of the Pre-ASP is to target one level below the ASP Chair. This may occur at multiple levels and also may occur prior to the OSD Peer Review.
Acquisition Process Model
1.1.3.3.3 Conduct ASP

Note: This is an AFMC Standard Process. It is included in this model in advance of Streamlining and Redesign.

* Note: The model does not currently address Services processes.
Note: This is an AFMC Standard Process. It is included in this model in advance of Streamlining and Redesign.
Acquisition Process Model

1.1.3.3.5 Conduct ASP Oversight Secretariat Activity

Go Up 1 Level
Note 1: The MDA is strongly encouraged to tailor the reporting requirements consistent with Enclosure 1, Table 2 of the DoDI 5000.02.

Note 2: The purpose of program tailoring is to streamline the acquisition program to the maximum extent possible, consistent with risk, to provide new systems to operational commanders as fast as possible. DoDI 5000.02, Section 5.a.2; AFPAM 63-128, Section 14.1.
Identification of Prerequisites for MS B Approval

Note 1: The MDA is strongly encouraged to tailor the reporting requirements consistent with Enclosure 1, Table 2 of the DoDI 5000.02

Note 2: The purpose of program tailoring is to streamline the acquisition program to the maximum extent possible, consistent with risk, to provide new systems to operational commanders as fast as possible. DoDI 5000.02, Section 5.a.2; AFPAM 63-128, Section 14.1
Acquisition Process Model
1.1.3.14 Conduct Development RFP Release Review

**Identify Prerequisites for Development RFP Release Review Approval**
- DoDI 5000.02 Information Requirements
- MDA Requirements

**Prepare for Development RFP Release Review**
- Development RFP Release Checklist
- Programmatic Data
- RFP

**Finalize RFP to Incorporate Comments**
- Approved Development RFP Release Documentation

**Conduct Development RFP Release Review**
- Development RFP Release Documentation
- Affordability Caps
- ADM

**Authorize Final RFP Release**
- Final Copy of the Draft RFP
- Substantive Issues

**RFP Approval**
- Cost-Type Production Contract Certification

**Treasury View**
- Cost-Type Production Contract Certification

**Programmatic Data**
- ADM

**Core**
- Responsibilities and Processes

**Enabling**
- Tools and Resources

**Governing**
- Policies and Guidance

**Go Up 1 Level**

**PEO View**
- Program Executive Office (PEO) Perspective
Note 1: The MDA is strongly encouraged to tailor the reporting requirements consistent with Enclosure 1, Table 2 of the DoDI 5000.02.

Note 2: The purpose of program tailoring is to streamline the acquisition program to the maximum extent possible, consistent with risk, to provide new systems to operational commanders as fast as possible. DoDI 5000.02, Section 5.a.2; AFPAM 63-128, Section 14.1.
Note 1: The MDA is strongly encouraged to tailor the reporting requirements consistent with Enclosure 1, Table 2 of the DoDI 5000.02

Note 2: The purpose of program tailoring is to streamline the acquisition program to the maximum extent possible, consistent with risk, to provide new systems to operational commanders as fast as possible. DoDI 5000.02, Section 5.a.2; AFPAM 63-128, Section 14.1

Note 3: The AFLCMC specific process for Development Planning provides input for some MDD actions. CTRL-Click here to access an active link to this process.
Acquisition Process Model

1.1.3.7.1 Schedule MDD

Governing

Core

Enabling

- Notify MDA and Obtain Approval to Schedule MDD
- Schedule Venue to Conduct MDD
  - MDD Meeting Approval
  - Invite / Logistics
- Develop Meeting Objectives for MDD
- Schedule Other Pre-Decisional Meetings
  - MDD Meeting Approval
  - Invite / Logistics
- MDD Checklist

DoDI 5000.02 Information Requirements
MDA Requirements

Go Up 1 Level
Governing

Enabling

Acquisition Process Model
1.1.3.7.2 Develop MDD Package

Go Up 1 Level

- Draft AoA Study
- Guidance
- ICD
- CCTD
- MDD Checklist
- Acq Phase Entrance Criteria

Collect Inputs for MDD Package

Develop Draft MDD Package

Refine and Coordinate MDD Package

MDD Checklist

MDD Package

MDD Data

MDD Package
Governing Enabling Core

Acquisition Process Model
1.1.3.7.3 Conduct MDD

- Conduct MDD
- Present MDD Package and Related Data
- Approve MDD Package
- Designate Lead Acquisition Organization
- Make Decision to Begin MSA (or other Acq Phase)

Go Up 1 Level
Note 1: The MDA is strongly encouraged to tailor the reporting requirements consistent with Enclosure 1, Table 2 of the DoDI 5000.02.

Note 2: The purpose of program tailoring is to streamline the acquisition program to the maximum extent possible, consistent with risk, to provide new systems to operational commanders as fast as possible. DoDI 5000.02, Section 5.a.2; AFPAM 63-128, Section 14.1.
Acquisition Process Model
1.1.3.9 Milestone A AFRB
1.1.3.9.2 Refine MS A AFRB Package Through Review & Coordination

Note: The above process is performed in preparation for the Milestone A AFRB, the Milestone B AFRB, the Milestone C AFRB, and the Full Rate Production AFRB. The only difference in these processes are the specific inputs and outputs at the various decision points.
Acquisition Process Model
1.1.3.9.2.1 Review at Working Level (WIPT)

**Note:** The above process is performed in preparation for the Milestone A AFRB, the Milestone B AFRB, the Milestone C AFRB, and the Full Rate Production AFRB. The only difference in these processes are the specific inputs and outputs at the various decision points.
Acquisition Process Model

1.1.3.9.2.2 Review at Action Officer Level (FIG/FIM)

Note: This process is performed in preparation for the Milestone A AFRB, the Milestone B AFRB, the Milestone C AFRB, and the Full Rate Production AFRB. The only difference in these processes are the specific inputs and outputs at the various decision points.
Acquisition Process Model
1.1.3.9.5 Conduct AFRB Oversight Secretariat Activity

- Request AFRB Meeting
- Send AFRB Meeting Invitations
- Submit and Distribute AFRB Charts
- Consolidate Input and Provide BBP

- Chair the AFRB Meeting
- Staff Minutes
Acquisition Process Model
1.1.3.10.2 Refine MS B AFRB Package Through Review & Coordination

Note: The above process is performed in preparation for the Milestone A AFRB, the Milestone B AFRB, the Milestone C AFRB, and the Full Rate Production AFRB. The only difference in these processes are the specific inputs and outputs at the various decision points.
Acquisition Process Model
1.1.3.10.5 Conduct AFRB Oversight Secretariat Activity

Request AFRB Meeting
- Program Reporting
- Programmatic Data

Send AFRB Meeting Invitations
- Meeting Date
- Meeting Invite

Submit and Distribute AFRB Charts
- Draft MS Package
- Draft ADM
- Final ADM/MS Package
- Bullet Background Paper

Consolidate Input and Provide BBP

Chair the AFRB Meeting
- Approved MS Package
- Approved/ Signed ADM

Staff Minutes
- Minutes from the AFRB

Approved/ Signed ADM

Programmatic Data

Final ADM/ MS Package

Draft ADM

Draft MS Package

Bullet Background Paper

Meeting Invite

Meeting Date

Program Reporting

Back

Go Up 1 Level

Back
Acquisition Process Model
1.1.3.11 Milestone C AFRB

Go Up 1 Level

Governing

Develop Draft MS C Package
- Information
- MDA
- Programmatic Data
- Issues/Recommendations

Refine MS C Package Through Review/Coordination
- Final MS C Package

Conduct MS C Review
- Resolve Issues/Actions
- Approved ADM
- Unapproved ADM

Resolve Issues/Actions
- ADM

Conduct AFRB Oversight Secretariat Activity
- Approved MS Package
- Approved signed ADM

Enabling

Requirements Docs
- MDA
- Programmatic Data
- Program Direction
- Programmatic Data
- Funding Source

DoDI 5000.02

Approved MS Package

ADM

Back FWD

Approved ADM

Draft MS C Package

Final MS C Package

Resolve Issues/Actions
- ADM

Conduct MS C Review
- Final MS C Package

Refine MS C Package Through Review/Coordination
- Draft MS C Package

Develop Draft MS C Package
- Information
- MDA
- Programmatic Data
- Issues/Recommendations
Acquisition Process Model
1.1.3.11.2 Refine MS C AFRB Package Through Review & Coordination

Note: The above process is performed in preparation for the Milestone A AFRB, the Milestone B AFRB, the Milestone C AFRB, and the Full Rate Production AFRB. The only difference in these processes are the specific inputs and outputs at the various decision points.
1.1.3.11.5 Conduct AFRB Oversight Secretariat Activity
Acquisition Process Model
1.1.3.12.2 Refine FRP AFRB Package Through Review & Coordination

Note: The above process is performed in preparation for the Milestone A AFRB, the Milestone B AFRB, the Milestone C AFRB, and the Full Rate Production AFRB. The only difference in these processes are the specific inputs and outputs at the various decision points.
Acquisition Process Model
1.1.3.12.5 Conduct AFRB Oversight Secretariat Activity

- Request AFRB Meeting
- Send AFRB Meeting Invitations
- Submit and Distribute AFRB Charts
- Consolidate Input and Provide BBP
- Chair the AFRB Meeting
- Staff Minutes

Flowchart:
- Proceed to next step:
  - Request AFRB Meeting
  - Send AFRB Meeting Invitations
  - Submit and Distribute AFRB Charts
  - Chair the AFRB Meeting
  - Staff Minutes
- Go Up 1 Level
Acquisition Process Model
1.1.3.13 Terminate Acquisition Effort

1.3.13 Terminate Acquisition Effort

Go Up 1 Level

PEO View

Governing

Leadership Decision
Change in Threat
Contractor Performance
Withdrawal of Funding

Approve Program Termination

Termination - Acquisition Decision Memorandum (T-ADM)

Notify HCA and Sr. Procurement Executive of Program Termination

Termination - Acquisition Decision Memorandum (T-ADM)

Approve Termination Strategy

Draft Termination Plan

Develop Termination Plan

Execute Termination Plan

Contract Status
Funding Summary

Core

Termination Plan

* Link to Gen Wolfenbarger Memo on Program Termination Procedures

Enabling
Acquisition Process Model
1.1.3.13.3 Develop Termination Plan

Go Up 1 Level

Plan for Termination - Personnel
Plan for Termination - Technology
Plan for Termination - Contracts
Plan for Termination - Facilities / Hardware / Software Program Security
Plan for Termination - Budget

Termination – Acquisition Decision Memorandum (T-ADM)

Draft Termination Plan

Note: CTRL-Click to access an Active Link to Mr. Kendall’s 7 Oct 2014 Memo on DAU’s Smart Shutdown Guidebook". 
Acquisition Process Model
1.1.3.15 Investment Review Board (IRB)

Go Up 1 Level

Prepare for IRB
- Business System Capability Requirements
- Prioritized List of Business System Capability Requirements
- Problem Statement
- Investment Certification Requests
- Pre-Certification Authority Determination

Conduct IRB
- Approved Problem Statement
- Certified Investment Certification Requests

Core

Enabling
Acquisition Process Model
1.1.4 Technical Reviews

Note 1: Prior to SAF/AQR-chaired reviews of a program, representatives of the PEO or PM for the program and the Center-level engineering office supporting the program provide SAF/AQR with their assessments of the program’s technical status. (AFI 63-101/20-101, Section 5.1.6.2)

Note 2: Program Sufficiency Review is an AFLCMC Standard Process.
Acquisition Process Model

1.1.4.1 Preliminary Design Review (PDR)

- Identify PDR Prerequisites
  - PDR Risk Assessment Checklist
  - CARD
  - Program Schedule
  - TEMP
  - SEP
  - Draft CDD
  - Interface Control Document
  - IMP
  - IMS

- Prepare for PDR
  - Allocated Baseline

- Conduct PDR
  - Conduct PDR Documentation
  - Conduct Updated CARD
  - Conduct Updated Program Schedule
  - Conduct LCSP
  - Conduct Unresolved Issues
  - Conduct Resolved Issue

- Prepare Observations and Recommendations
  - Technical Review Report

- Address Unresolved Issues
  - Updated CARD
  - Updated Program Schedule
  - Updated LCSP

- Develop Post-PDR Assessment
  - Post-PDR Assessment

- PDR Documentation
Acquisition Process Model
1.1.4.2 Critical Design Review (CDR) (1.4.1.1.3)

**Core**
- Identify CDR Prerequisites
  - CDR Risk Assessment Checklist
  - Achievement of Allocated Baseline
- Prepare for CDR
  - Detailed Design
  - Draft CPD
  - CDD
  - SEP
  - Interface Control Document
- Conduct CDR
  - CDR Documentation
  - CDD
- Develop Post-CDR Assessment
  - Post-CDR Assessment
  - Initial Product Baseline

**Enabling**

**Governing**
- Go Up Level

**Prepare for CDR**

**Conduct CDR**

**Prepare Observations and Recommendations**

**Address Unresolved Issues**

**Technical Review Report**

**Updated Program Schedule**

**Updated CARD**

**LCSP**

**Unresolved Issue**

**Resolved Issue**

**Achievement of Allocated Baseline**

**Go Up 1 Level**
Acquisition Process Model

1.4.3 Production Readiness Review (PRR)

**Process Triggers**
- P&D Phase - Upcoming Technical Review
- EMD Phase - Manufacturing or Material Design Changes
- Production startup - After significant shutdown
- Production start-up - with new contractor
- Manufacturing site relocation

**Core**
- Prepare for PRR
- Conduct PRR
- Prepare Observations and Recommendations
- Address Identified Risks

**Enabling**
- Quality Management System
- Manufacturing Processes
- Baseline Reviews
- Manufacturing Cost Model
- Production Planning Aspects
- Manufacturing Processes

**Governed**
- Starting Plan
- Program Schedule
- Completed PRR Risk Assessment Checklist

**Staffing Plan**

**Observations and Recommendations**

**Technical Review Report**

**Address Identified Risks**

**Go Up 1 Level**
Acquisition Process Model

1.1.4.4 Test Readiness Review (TRR)

- Test Objectives
- Test Methods
- Scope of Test
- Safety Issues
- Test Plan
- Test Teams
- Centers Under Review
- Development Maturity
- Cost Schedule Effectiveness
- Preliminary Test Evaluation Results
- Functional Test Evaluation Results
- Pre-qualification Test Evaluation Results
- Completed TRR Risk Assessment Checklist
- Completed TRR Risk Assessment Package

- TRR Decision Package
- TRR Required Test Plans
- Required Test Resources
- Completed Approved Test Plans
- Completed Approved Test Resources
- Completed TRR Risk Assessment Checklist
- Acceptable Risk Levels
- Completed & Approved Test Plans
- Acceptable Risk Levels
- Approved Baseline Results For Planned Tests
Acquisition Process Model
1.1.4.5 System Functional Review (SFR)

Prepare for SFR

Conduct SFR

Prepare Observations and Recommendations

Address Identified Risks

Core

- Completed SFR Risk Assessment Checklist
- System Functional Baseline
- Interface Control Document
- System Performance Requirements
- Lower-Level Performance Requirements
- Design and Development Plans
- Staffing Plan
- Program Schedule
- Cost Estimate
- CARD
- SEP

Enabling

- SFR Review Package
- Requirements Assessment
- Technical Review Report

Governing

- System Level Maintenance Plan
- Updated Program Schedule
- Updated CARD
- Established System Functional baseline
- Post-SFR Report

- Updated Program Schedule
- Updated CARD
- Established System Functional baseline
- Post-SFR Report
Acquisition Process Model
1.1.4.6 System Requirements Review (SRR)

Prepare for SRR
- Completed SRR Risk Assessment Checklist
- System Performance Specifications
- ICD
- Draft CDD
- SEP
- LCSP
- CARD
- Staffing Plan
- Budgets
- Program Schedule
- Cost Estimate

Conduct SRR
- SRR Review Package
- Technical Risk Assessment

Prepare Observations and Recommendations
- Technical Review Report

Address Identified Risks
- Approved System Performance Specification
- Preliminary Allocation Of System Requirements
- Preliminary Identification Of All Software Components
- Comprehensive Risk Assessment for EMD
- Approved SEP
- Approved LCSP
Acquisition Process Model
1.1.4.7 Manufacturing Readiness Assessment (MRA)

**Core**
- Determine Assessment Scope
  - MRA Objective
  - MRA Approach
- Determine Taxonomy and Schedule of MRA
  - Defined Component, System, and Subsystem Level of Interest
- Request Contractors to Perform Self-Assessment
  - Defined Component, System, and Subsystem Level of Interest
- Conduct Assessment of Manufacturing Readiness
  - Draft MRA Report
- Prepare MRA Report

**Enabling**
- Form & Orient Assessment Team and Orient the Contractors
  - Orientation Package
- Set Agenda for Site Visits
  - Self Assessment
  - Agents

**Govern**
- Set Agenda for Site Visits
  - Self Assessment
  - Agents
- Conduct Assessment of Manufacturing Readiness
  - Draft MRA Report
- Prepare MRA Report
  - MRA Report
- Request Contractors to Perform Self-Assessment
  - Defined Component, System, and Subsystem Level of Interest
- Determine Taxonomy and Schedule of MRA
  - Defined Component, System, and Subsystem Level of Interest
- Determine Assessment Scope
  - MRA Objective
  - MRA Approach
- Go Up 1 Level
Acquisition Process Model

1.1.4.7.6 Conduct the Assessment of Manufacturing Readiness

Go Up 1 Level
Acquisition Process Model

1.1.4.9 Physical Configuration Audit (PCA)

Prepare for PCA

Conduct PCA

Reconcile Design Gaps

Prepare Observations and Recommendations

Physical Configuration Audit (PCA)
Acquisition Process Model
1.1.4.10 Alternative Systems Review (ASR)
Acquisition Process Model
1.1.4.12 In-Service Review (ISR)
Acquisition Process Model

1.1.4.14 Conduct Integrated Baseline Review (IBR)
Acquisition Process Model
1.1.4.15 Risk Management Framework

**Note:** AFI 33-210 will be revised to reflect the Risk Management Framework instead of the DIACAP process.
Acquisition Process Model
1.1.4.15.1 Categorize System

Categorize the System

Initiate the Security Plan

Assign Personnel to Risk Management Framework Roles (RMF)

Register System with DoD Component Cyberspace Program

System Categorization

Initial Security Plan (System Description)

System Information

PPP

Go Up 1 Level
Acquisition Process Model
1.1.4.15.2 Select Security Controls

1. Select Security Controls
   - Identify Security Control Baseline and Overlay Selection
     - Common Controls
     - Security Control Baseline
     - Overlays
   - Develop System-Level Continuous Monitoring Strategy
     - System-Level Continuous Monitoring Strategy
   - Review and Approve Security Plan and Continuous Monitoring Strategy
     - Approved Continuous Monitoring Strategy
     - Approved Security Plan
Acquisition Process Model
1.1.4.15.3 Implement Security Controls

- Approved Security Plan
- Approved Continuous Monitoring Strategy

Implement Control Solutions

System Specifications

Document Security Control Implementation

Documented Control Implementation
Acquisition Process Model
1.1.4.15.4 Assess Security Controls
Acquisition Process Model
1.1.4.15.6 Monitor Security Controls

- Determine Impact of Changes to the System and Environment
  - Security Authorization Package
  - Security Posture Report
  - Reassessment Recommendations

- Assess Selected Controls Annually
  - Security Posture Report

- Conduct Remediation
  - New Vulnerabilities/Risks

- Report Security Status to AO
  - Updated Security Plan
  - Security Status Report

- Review Reported Status
  - Risk Review

- Implement System Decommissioning Strategy
  - Updated Security Plan
  - Updated POA&M

- Updated Security Plan, SAR and POA&M
Note: Enclosure 6, Section 5.b of DoDI 5000.02 requires an independent logistics assessment for all ACAT I and II programs prior to key acquisition decision points. CTRL-Click here to access an active link to the instruction.
Acquisition Process Model
1.1.4.17.1 Plan & Organize Logistics Assessment

- **Select Team Members**
  - Documentation Request List
  - Results from Systems Engineering Reviews

- **Conduct Pre-Assessment Meeting**
  - Logistics Assessment Team Members

- **Announce Logistics Assessment**
  - Logistics Assessment Roles & Responsibilities
  - Tailored Documentation Request List

- **Deliver Documentation**
  - Program Documentation
  - Official Logistics Assessment Announcement
  - Logistics Assessment Schedule

**Core**

**Enabling**

**Governing**
1.1.4.17.2 Conduct Logistics Assessment

Conduct Opening Meeting

- Program Documentation
- Logistics Assessment Schedule

Review Requirements & Capabilities

Review Logistics Documentation & Planning

Review Contractual Documentation

Review Integrated Master Schedule and Integrated Master Plan

Write and Compile Deficiencies

- Integrated Product Support Assessment
- Draft Recommendations

Results from Systems Engineering Reviews

Program Documentation

Logistics Assessment Roles & Responsibilities
Acquisition Process Model
1.1.4.18 External Technical Assessment

1. Plan and Organize External Technical Assessment

2. Conduct External Technical Assessment

3. Report Results of External Technical Assessment

Programmatic Data

External Technical Assessment Schedule

Draft Results

External Technical Assessment Results

Backward and Forward Navigation Buttons
Note: This is an AFLCMC Standard Process.
Acquisition Process Model
1.1.4.20 Program Sufficiency Review

Note: This is an AFLCMC Standard Process.
1.1.4.20.1 Initiate the PSR and Corresponding Planning

- **Conduct Kick-Off Meeting**
- **Gain Tools Access**
- **Take Tool Training**

**Note:** This is an AFLCMC Standard Process.
Acquisition Process Model
1.1.4.20.2 Conduct Assessments and Cost Analysis

Conduct Assessments and Cost Analysis:
- Conduct Integrated Assessments
  - Integrated Assessments
  - Review Assessment Results
- Consolidate Risks From All Assessments and Other Risk Identification Methods
  - Assessment Results Outbrief
  - Consolidated PSR Risk
- Conduct Cost Estimate Review for the Acquisition Program
  - Risk Workshop Results
  - Conduct Risk Workshop

Note: This is an AFLCMC Standard Process.
Acquisition Process Model
1.1.4.20.3 Provide PSR Results

Note: This is an AFLCMC Standard Process.
Governing

Go Up 1 Level

Conduct Analysis of Manpower

Provide Acquisition Operational Support

Core

Manpower Change Request

Telecommunication Requirements

Security Requirements

Records Mgmt Info

Publications and Forms Request

Operating Instruction Request

Travel Authorization

Maintenance Request

Costing Data

Occupant Emergency Plan (OEP)

Crisis Action Team (CAT)

Fire & Safety Guidance

OPSEC Guidance

Approved DD 2249

Telecommunications

Approved Invoices

Approved Requirements

Review HASC/SASC/HAC/SAC Proposals

Air Force Responses to IFR/QFR

Enabling

FWD
Acquisition Process Model
1.1.5.1.2.1 Analysis of Manpower

Governing

Address Organization Change Request

Provide Manpower Projections for AQ Enterprise

Prepare Sr. Leadership for OSD Discussions

Perform SAFTAS Contract Management

Core

External OCR

Updated UMD

AQ Sr. Leadership Guidance

AFCS Guidance

OSD Guidance

PB23

RMD

SAFTAS Actions

Senior Steering Board Inputs

AF Position on Manpower Issues

Enabling

Go Up 1 Level

Internal OCR

Customer Request

Updated UMD

Customer Request

Updated UMD

Customer Request

Updated UMD
Acquisition Process Model
1.1.5.1.2.2.5 Provide Support for AF Contract Services

Go Up 1 Level
Acquisition Process Model
1.1.5.1.5 Conduct Institutional Performance Assessment

Go Up 1 Level
Acquisition Process Model
1.1.5.1.6 Identify IT Capabilities and Needs

Go Up 1 Level
1.1.5.2 Manage Acquisition Policy

Develop and Implement Acquisition Policy

Monitor Acquisition Policy Compliance

Compliance to Policy

Recommendations for Policy Changes

Acquisition Policy

Programmatic Data

Changes in Law

Changes in DoD Policy

Programmatic Data
Acquisition Process Model
1.1.5.2.1 Develop and Implement Acquisition Policy

Go Up 1 Level
NOTE: The final process in the Core swimlane is part of an AFLCMC Standard Process.
Acquisition Process Model
1.1.5.2.1.1.1 Review Higher Level Changes

NOTE: According to Table 3 of DoDI 5025.01, the formal coordination periods are as follows: DoDD (20 days); DoDI, DoDM, and AI (20-30 days, depending on page count); Substantive Changes (15 days); DTMs (15 days); and Cancellations (15 days)
NOTE: The above is part of an AFLCMC Standard Process.
Enabling

Acquisition Process Model
1.1.5.2.1.2 Provide Acquisition Policy Related Communication

Governing

Go Up 1 Level

Core

Acquisition Policy
Communicate Acquisition Policy Changes
Acquisition Policy Fact Page
Represent Acquisition at Various Forums
Acquisition Policy Communication

Enabling
1.1.5.3.1 Manage Congressional and Federal Inquiry

Note: This is an AFMC Standard Process. It is included in this model in advance of Streamlining and Redesign.
Acquisition Process Model
1.1.5.3.1.1 Conduct Indirect Congressional Inquiry (Single PEO/CSF Response)

**Note:** This is an AFMC Standard Process. It is included in this model in advance of Streamlining and Redesign.
Conduct Personal Congressional Inquiries (Direct from Congressman)

1. Staff Response through CC office
2. Draft Congressional Inquiry Response
3. Provides Answer to Inquiry
4. Develop Tasks for Org
5. Forward Congressional Inquiry to 88 ABW/IG
6. Provide Courtesy Copy of Inquiry
7. Provide Response to Congressman’s Office
8. Provide Copy to Center CA & SAF/LL
9. Provide Response to Constituent
10. Approved Final Response
11. Provide Response to Congressman’s Office
12. Draft Congressional Inquiry Response

Note: This is an AFMC Standard Process. It is included in this model in advance of Streamlining and Redesign.
1.1.5.3.1.4 Conduct Personal Congressional Inquiries (Direct from AFPC)

- **Governing**
  - Congressionla Inquiry
    - Forward Congressional Inquiry to 88 ABW/IG
    - Develop Tasks for Org
    - Provide Courtesy Copy of Inquiry
    - Provides Answer to Inquiry
    - Draft Congressional Inquiry Response

- **Staff Response through CR office**
  - Approved Final Response
    - Final Response
    - Provide Copy to Center CA
    - Final Response
    - Provide Response to AFPC/IG
    - Provide Response to SAF/LL

**Note:** This is an AFMC Standard Process. It is included in this model in advance of Streamlining and Redesign.
Acquisition Process Model
1.1.5.3.3 Manage Audit and Oversight of Contractor Activity

Managing Business Intelligence

- Industry Information
- Program Information
- Vendor List
- Industry Supplied Information
- Request for Business Intelligence Information

Business Intelligence Analysis

Go Up 1 Level
1.1.5.3.3.1.3 Enhance Business Intelligence Mindset

- Identify Business Intelligence Mindset Need
- Request for Business Intelligence Insights
- Address Request for Business Intelligence Insights
- Specific Business Intelligence Criteria
- Develop Relevant Materials
- Business Intelligence Materials
- Deliver Workshop
- Workshop Feedback
Acquisition Process Model
1.1.5.3.3.1.4 Provide AQXE Awareness
Acquisition Process Model
1.1.5.3.4 Coordinate Audits

1. Coordinate AFAA Audits
   - AFAA Audit Request
   - Programmatic Data
   - Findings from AFAA Audit

2. Coordinate GAO Audits
   - GAO Audit Request
   - Programmatic Data
   - Findings from GAO Audit

3. Serve as POC for Acquisition Policy Audits
   - Acquisition Policy
   - Acquisition Policy Audit Request
   - Findings from Acquisition Policy Audit

Programmatic Data

Go Up 1 Level
Acquisition Process Model
1.1.5.3.5.1 Support Management of Air Force Architecture
Acquisition Process Model
1.1.5.3.6 Provide Acquisition Product Support Oversight

Go Up 1 Level
Acquisition Process Model
1.1.5.4 Manage Acquisition Program Master List

Go Up 1 Level

Core

Add Effort to the AML

Remove Effort from the AML

Process Updates / Changes

Review and Approve Exemptions

Coordinate Program Information with SMART

Maintain IML

Enabling

Request to add Effort

Request to remove Effort

Programmatic Data

Updated SMART Program Record

Exemptions

Revised AML

IML

AML
Acquisition Process Model
1.1.5.5 Conduct IT Portfolio Management

Go Up 1 Level

**Core**

- **Analyze IT Portfolio**
  - Baseline Analysis
  - List of selected Initiatives
  - Controlled Existing Portfolio
  - Validated and Decomposed Capability Need into Requirements
  - Other Guidance (Congressional, Federal, OSD, AF, etc.)
  - AF Strategic Plan

- **Select Desired IT Portfolio**
  - Migration Plan (IT Roadmap)
  - Annual Investment Strategy
  - Unfunded Requirements List
  - Portfolio Selection Criteria
  - Domain Performance Goals

- **Evaluate IT Portfolio Performance**
  - AQXS Shop Performance Report
  - Performance Evaluation Lessons Learned, Insights, and Metrics
  - Solution Performance Reports
  - Certification and Accreditation

- **Control IT Portfolio**
  - Corrective Action
  - CCA Compliance
  - FISMA Compliance
  - NDAA Compliance
  - Capability Need Statement

- **Support IT Program Management**
  - Requirements & Money
  - Capability & Product

**Govern**

- High Level Desired State Architecture
- Controlled Existing Portfolio
- Validated and Decomposed Capability Need into Requirements
- Other Guidance (Congressional, Federal, OSD, AF, etc.)
- AF Strategic Plan

**Enabling**

- Annual Investment Strategy
- Validated and Decomposed Capability Need into Requirements
- Unfunded Requirements List
- Portfolio Selection Criteria
- Domain Performance Goals
- AQXS Shop Performance Report
- Performance Evaluation Lessons Learned, Insights, and Metrics
- Solution Performance Reports
- Certification and Accreditation
- CCA Compliance
- FISMA Compliance
- NDAA Compliance
- Capability Need Statement
- Requirements & Money
- Capability & Product
Transform Investment Strategy into Funded Requirements (PPBE – “Corporate Process”)

- Unfunded Requirements List
- Strategic Direction
- RRB Overarching Strategy
- Transformation Plan
- Enterprise Architecture
- Requirements & Money
- Annual Investment Strategy

- Capability & Product
- Funded Requirement Notice
- Statement of Work for Individual capabilities within the next budget cycle

- Core

- Governing

- Enabling
Acquisition Process Model
1.1.5.6 Conduct Program Assignment

Assign PEO

Assign Program Manager

Program Manager Assignment

Stand Up Program Office

Program Office Established

Stand Up Joint Program Office

Joint Program Office Established

Notification of Potential Program

AFMC/AFSPC Input

PEO Assignment

Program Manager Assignment

Go Up 1 Level
Acquisition Process Model
1.1.5.7 Provide Departmental Standardization Leadership
Acquisition Process Model
1.1.5.8 Manage Acquisition Key Leadership Positions

Governing

Identify Qualified KLP Candidates → Nominate KLP Candidates

Develop Tenure Agreement

Conduct Civilian KLP Assignment Process

Approve KLP Candidates

Approve Waiver

KLP Assignments Distributed

Military KLP Assignment

Civilian KLP Assignment

Nominated KLP Candidates

Qualified KLP Candidates

Tenure Agreement

Tenure Agreement

Identify Qualified KLP Candidates

Nominate KLP Candidates

Develop Tenure Agreement

Conduct Civilian KLP Assignment Process

Conduct Military KLP Assignment Process

Request KLP Waiver

Approve KLP Candidates

Approve Waiver

Waiver Approval

KLP Waiver

Note: A waiver can be input to any of the Core processes.
Acquisition Process Model
1.2 Program and Budget (PPBE)
Acquisition Process Model
1.2.1.1 Conduct Strategic Planning

- Manage Air Force Strategy
- Manage Strategic Master Plan
  - Prepare Strategic Planning Guidance
  - Conduct Planning Choices
  - Strategic Master Plan
  - Strategic Planning Guidance
  - Resource Allocation Plan
Acquisition Process Model
1.2.1.3 Analyze Warfighter Shortfalls and Priorities

- Analyze Warfighter Shortfalls and Priorities
  - Analyze National Military Strategy (NMS)
  - Analyze Chairman’s Risk Assessment (CRA)
  - Analyze Chairman’s Program Recommendation (CPR)
  - Prioritize Joint Requirements
  - Explore Alternatives

Core
- Analyze Chairman’s Comprehensive Joint Assessment (CJA)
- Analyze Joint Intelligence Estimate (JIE), Joint Strategic Assessment (JSA), and Joint Strategy Review (JSR)
- Analyze Joint Concept Development (JCD)
- Analyze Joint Logistics Estimate (JLE)
- Analyze Joint Personnel Estimate (JPE)
- Analyze Operational Availability Studies (OA)
- Analyze Joint Combat Capabilities Assessment (JCCA)
- Analyze Chairman’s Readiness Systems (CRS)
- Analyze Global Force Management (GFM)
- Analyze Chairman’s Program Assessment (CPA)
- Analyze National Military Strategy (NMS)
- Analyze Joint Strategic Capabilities Plan (JSCP)
- Analyze Chairman’s Program Assessment (CPA)
- Analyze Chairman’s Comprehensive Joint Assessment (CJA)
- Analyze Joint Intelligence Estimate (JIE), Joint Strategic Assessment (JSA), and Joint Strategy Review (JSR)
- Analyze Joint Concept Development (JCD)
- Analyze Joint Logistics Estimate (JLE)
- Analyze Joint Personnel Estimate (JPE)
- Analyze Operational Availability Studies (OA)
- Analyze Joint Combat Capabilities Assessment (JCCA)
- Analyze Chairman’s Readiness Systems (CRS)
- Analyze Global Force Management (GFM)
- Analyze Chairman’s Program Assessment (CPA)
- Analyze National Military Strategy (NMS)
- Analyze Joint Strategic Capabilities Plan (JSCP)
1.2.1.4 Develop Chairman’s Program Recommendation

Acquisition Process Model

Review Capability Information
Develop Specific Recommendations
Develop the Draft Recommendation
Receive Comments on Draft Recommendation
Finalize the Recommendation

Chairman’s Program Recommendation

Alternatives
Priority of Joint Requirements

Go Up 1 Level
Acquisition Process Model
1.2.1.6 Prepare S&T Planning Documents
Acquisition Process Model
1.2.2 Conduct Programming

**Core**
- Conduct AFCS Deliberations
- Prepare POM Submission

**Prepare for POM Development**
- Fiscal Guidance
- Prior Years PB
- APPG
- Joint Programming Guidance
- Air Force Strategic Master Plan
- Resource Allocation Plan

**Enabling**
- Programmatic Data

**Go Up 1 Level**
1.2.2.1 Prepare for POM Development

Core

- Kick off the POM Process
- Conduct MAJCOM Programmer's Conference
- Approve APPG/PPI & Prepare Database
- Fiscal Guidance
- Prior Year POM
- APPG
- Resource Allocation Plan

Enabling

- Conduct PEM Activities
- APPG
- PPI

Governing

- Sr. Leader Guidance
- Draft POM Preparation Instruction (PPI)
Acquisition Process Model
1.2.2.1.4 Conduct PEM Activities

Review & Validate Program vs. POM → Validate/Prioritize Program Content & Issues → Support PPB&E Process

Validate Programs vs.Governances → Resolved Issue → Elevated Issue → Develop Risk Strategy

Identify & Prioritize Initiatives, Disconnects, Offsets, & Issues → Prioritized List of IDOs → Conduct PEM Parades

Support Program Advocacy
Acquisition Process Model
1.2.2.1.4.1 Review and Validate Program vs. POM

Governing

1. Review and Validate Program vs. POM
2. Gather FYDP Requirements
   - PEM Parade Briefing
   - Briefing Templates
3. Review/Analyze Current Program Content vs. Stakeholder Requirements
   - Stakeholder Requirements
   - ABIDES Information
   - Current Performance
   - Obligations
   - Expenditures
   - Disconnects
   - Achievements
   - Way Forward
   - Business Case
4. Validate Program Content
   - Validated Program Content

Core

Enabling

Go Up 1 Level

FWD
Acquisition Process Model
1.2.2.1.4.3 Identify & Prioritize Initiatives, Disconnects, Offsets, & Issues

- Go Up 1 Level

**Core**
- Initiatives
- Disconnects
- Offsets

**Reassess Initiatives, Disconnects, & Offsets**

**Search for Offsets**
- Assessed Initiatives
- Disconnects
- Offsets

**Prioritize IDOs**
- Identified Offsets

**Enabling**

**Governing**
Acquisition Process Model
1.2.2.1.4.4 Validate/ Prioritize Program Content & Issues

Go Up 1 Level

Core

Develop Background Papers on Candidate Issues

Develop Recommendations

Revise Background Papers

Present to SAF/AQX

Candidate Issues

Recommendations

Finalized Background Papers

Background Papers

AQX Recommendations

Governing

Enabling
Acquisition Process Model
1.2.2.2.4 Conduct Air Force Board Deliberation

Go Up 1 Level
Acquisition Process Model
1.2.2.2.7 Develop Options

Go Up 1 Level

Develop Baseline Extension Options (Round 0)

Develop Zero-Balance Transfer Options (Round 1)

Develop POM Options (Round 2)

PMM Briefs

FM Guidance

Annual Planning & Programming Guidance

PEM Briefs

Program Accounting

Prior Year Budget Position

Baseline Extension Options

Zero-Balance Transfer Options

FM Guidance

Annual Planning & Programming Guidance

PEM Briefs

Program Accounting

Prior Year Budget Position

AQXP Spreadsheet with Programs and Funding Adjustments

SPR Payback Options

POM Options
1.2.2.2.7.1 Develop Baseline Extension Options (Round 0)

- Develop Initial Baseline Extension Options
  - FM Guidance
  - Prior Year Budget Position
- Brief Group
  - Group Feedback

Go Up 1 Level
Acquisition Process Model
1.2.2.2.7.2 Develop Zero-Balance Transfer Options (Round 1)

- Develop Zero-Balance Transfer Options
- Brief A8PE
- Incorporate Feedback
- A8PE Feedback
- FM Guidance
- Annual Planning & Programming Guidance
- PEM Briefs
- Program Accounting
- Prior Year Budget Position
- Initial Zero-Balance Transfer Options
- Zero-Balance Transfer Options w/ Feedback

Go Up 1 Level
Conduct Investment Inflation Adjustment

1. Conduct Data Call for FFP Contracts
   - Revised Inflation Factor Guidelines

2. Provide List of FFP Contracts
   - FFP Contract Data Call

3. Apply Revised Inflation Factor
   - List of FFP Contracts
   - Adjusted Portfolio
Acquisition Process Model
1.2.2.3 Prepare POM Submission

1. Program Guidance
2. Program Guidance
3. Program Guidance

Execute FM Program Guidance
Enter & Lock ABIDES
Build Justification Books & Submittal Docs
Transmit to OSD to Support Congressional Budget Hearings

Prepare POM Submission

Program Guidance
Program & Justification Book Guidance
Build Justification Books & Submittal Docs
Force and Financial Plan (F&FP)

Develop Blue Books
POM Blue Book
POM Results

Go Up 1 Level
Acquisition Process Model
1.2.2.3.5 Develop Blue Books

Go Up 1 Level
Conduct Logistics Requirements Determination Process

1. Prepare Requirements
2. Requirements Collaboration and QC-2
3. Validate Requirements
4. Prioritize Requirements
5. Publish Requirements

Programmatic Data

Draft Requirements

Initial Requirements

Final Requirements

Validated Requirements

Prioritized Requirements

Note: AFLCMC has a Standard Process for CAM Weapon Systems that is similar to this process. Ctrl-Click to view.
Acquisition Process Model
1.2.2.4.1 Prepare CAM Weapon System Requirements

Programmatic Data

Conduct Data Call for Total Force WSS Requirements

Monitor CAFDEx Input

Conduct Decision-Meet Suspense

Publish in CAFDEx

Publish Requirements in POM

Note: This is an AFLCMC Standard Process. This Standard Process is equivalent to the six step LRDP flow from AFMAN 63-143
Acquisition Process Model
1.2.3 Conduct Budgeting

Go Up 1 Level

PEO View

Develop Investment Budget

Develop Operating Budget

Complete Initial Budget

Finalize Budget Submission

Fiscal Guidance
Prior Years PB
POM
Joint Programming Guidance
Air Force Strategic Master Plan

Investment Budget
Operating Budget

President's Budget
Resource Management Decision (RMD)
Justification Books

Fiscal Guidance
Prior Years PB
POM
Air Force Strategic Master Plan

BACK
FWD
Acquisition Process Model
1.2.3.1 Develop Investment Budget

Go Up 1 Level
Acquisition Process Model
1.2.3.1.4 Support Congressional Actions

Support Congressional Reviews

Develop Mark Summary Report

Provide Congressional Inquiry Response

Provide SNaP Data on Test & Evaluation

Congressional Inputs
- President’s Budget
- Hearings
- Staffer Days
- Congressional Deliberations

Posture Briefs

POM Defense

Congressional Inquiry Response

POM/BES SNaP Data Request from CAPE

PB SNaP Data Request from CAPE

PEO View

Go Up 1 Level
Acquisition Process Model
1.2.3.1.4.1 Support Congressional Reviews

Process:
1. Review Support Requirements
2. Conduct Data Call
3. Develop Position
4. Vet Position
5. Provide Response

Steps:
- Review Support Requirements
- Conduct Data Call
- Develop Position
- Vet Position
- Provide Response

Input:
- Inquiries
- President's Budget
- Support Requests
- Needs Assessment
- Data Call

Output:
- Data Call Response
- Initial Position
- AF Position
- AF Response

Go Up 1 Level
Acquisition Process Model

1.2.3.1.4.2 Develop Mark Summary Report

- Review Inputs for Programmatic Impacts (Marks)
- Summarize Marks
- Mark Summary Report
Acquisition Process Model

1.2.3.1.4.3 Provide Congressional Inquiry Response
Acquisition Process Model
1.2.3.1.4.4 Provide SNaP Data on Test & Evaluation
Acquisition Process Model
1.2.3.1.4.4.1 Conduct POM/BES SNaP Data Update

- Conduct POM/BES SNaP Data Update
- Send SNaP Update Data Call
- Analyze CSO SNaP Data Updates
- Submit POM/BES SNaP Data
- Provide Acknowledgement of POM/BES SNaP Data Response

- CSO SNaP Data Updates
- CAPE Criteria
- Corrected SNaP Data
- POM/BES SNaP Data Response
- Acknowledgement Letter
- FWD

- POM/BES SNaP Data Request from CAPE
Acquisition Process Model
1.2.3.1.4.4.2 Conduct PB SNaP Data Update

Go Up 1 Level
1.2.3.2 Develop Operating Budget

- Revise Personnel Costs
- Revise Flying Hour Costs
- Operating Budget Adjustments
- Create Revised Operating Budget

Support Congressional Actions
- Congressional Inputs
- President’s Budget
- Hearings
- Staffer Days
- Congressional Deliberations
- Posture Briefs
- POM Defense

Governing
- Fiscal Guidance
- Prior Years PB
- POM

Core
- Operating Budget Adjustments

Enabling
- Congressional Actions
Identify Offsets to Match Fiscal Guidance

Prepare Initial PBR

Support OSD Program Budget Review (PBR) Process

FM Guidance
APPG
PEM Briefs
Program Accounting
Prior Year Budget Position

FM Guidance
Prior Years PB
POM
Joint Programming Guidance

Investment Budget
Operating Budget

Draft Initial Service Cost Position

Draft PBR
Initial J-Book

Go Up 1 Level
Acquisition Process Model
1.2.3.3.3 Support PBR Process

Go Up 1 Level

PEO View

Develop PBR Zero-Balance Transfer Options (Round 1)

Develop PBR Options (Round 2)

FM Guidance
Annual Planning & Programming Guidance
PEM Briefs
Program Accounting
Prior Year Budget Position

PBR Zero-Based Transfer Options

Prior Year Budget Position
Program Accounting
PEM Briefs
Annual Planning & Programming Guidance
FM Guidance
Acquisition Process Model
1.2.3.3.3.1 Develop PBR Zero-Balance Transfer Options (Round 1)
Acquisition Process Model
1.2.3.4 Finalize Budget Submission

**Address OSD Staffer Questions**

- Draft PBR
- Initial J-Book

**Respond to Draft RMD**

- Draft Resource Management Decision (RMD)
- Budget Clarifications

**Issue RMD**

- Air Force RMD Response

**Prepare President's Budget Inputs**

- Resource Management Decision (RMD)

**Develop Justification Books**

- ABIDES Data
- PBR Justification Book
- PB Justification Book

**Note:** The Program Budget Decision referenced in AFI 16-501 and the PPBE Reference Guide has been superseded by the Resource Management Decision.
Acquisition Process Model
1.2.3.4.5 Develop Justification Books

Go Up 1 Level
Acquisition Process Model
1.2.3.4.5.2 Build PB Justification Book

Governing

Trigger: ABIDES Lock (Jan)
Final POM Position with Congressional Inputs

Provide Call Letter & Guidance

Core

Load Data into IDECS

- Program Elements
- Appropriations
- Budget Position
- Weapon System Codes
- Budget Program Activity Codes
- FY $s
- FY Quantities

Create PB J-Books

- PB J-Book Data

Deliver PB J-Books to SAF/FM

FM Receives PB Justification Book

Enabling

Perform Field Training

- Schedule
- Training Materials

System/Functional Training
Acquisition Process Model
1.2.4 Conduct Financial Execution

Governing

Enabling
Acquisition Process Model
1.2.4.1 Conduct Funds Distribution

Go Up 1 Level
Acquisition Process Model
1.2.4.1.2 Distribute Program Authorization / Budget Authorization

Note: The final process above is an AFLCMC Standard Process.
Acquisition Process Model
1.2.4.1.2.1 Develop Program Authority (PA)
1.2.4.1.2.4 Validate and Enter Budget Targets into Systems

- Determine PEO to Execute Funds
  - BA Documents
- Create and Release AFM Target Allowance
  - Funds Breakout
- Identify Out-of-Balance Conditions
  - Out-of-Balance Conditions
  - Target Load Sheet
- Resolve Out-Of-Balance Conditions
  - Balanced EOM Position
- Enter Targets in General Accounting and Finance System (GAFS)
  - Budget Targets
- Validate Funds Breakout
  - AFM Target Allowance
- Prepare Target Load in CCAR
  - Target Load Sheet
- Prepare Target Load for Other Service Locations
  - AFM Target Allowance

Note: This is an AFLCMC Standard Process.
Acquisition Process Model
1.2.4.1.3 Reprogram Funds
Acquisition Process Model
1.2.4.1.3.1 Perform Internal Reprogramming
Perform Prior Approval Reprogramming

Review Programmatic Aspects for Executability

Conduct Secondary Review

Conduct SAF/AQX Review and Approval

Conduct SAF/AQX Review and Approval

Distribute to SAF/FM

FM Received 1415-1 Package

Distribute to OSD

OSD Received 1415-1 Package

Submit to Congress

Congress Received DD1415-1 Package

Action Items
Acquisition Process Model
1.2.4.1.3.3 Perform Below Threshold Reprogramming

Go Up 1 Level

Governing

Assess Request for Executability

Prepare BTR Package

Review BTR Package for Approval

Issue Program Authorization (PA)

Core

3011$ BTR Memo

3080$ BTR Memo

Request Assessment

Hard Copy BTR w/ Snowflake

Enabling

Hard Copy BTR w/ Snowflake

BACK
Acquisition Process Model
1.2.4.1.4 Distribute Funds

Gov - PEO View

1. Appropriation Action
2. Appropriation Bill
3. IDECS Budget Export
4. PB Request
5. Congressional Marks

Core

Perform Initial Distribution

- Program Authorization
- PB Request
- Congressional Mandated Reductions
- Initial Distribution Results
- SBIR Withholds

Conduct SBIR

Program Authorization

Enabling

Go Up 1 Level
Perform Initial Distribution

1. Validate with PB Position (PILE)
2. Add Congressional Marks to PB Plus Marks
3. Coordinate with CDs
4. Adjust Data
5. Issue Program Authorization

Actions:
- Appropriation Action
- Appropriation Bill
- IDECS Budget Export
- PB Request
- Corrections
- Appropriations
- CD Feedback
- Corrected Appropriation

Events:
- Issue Program Authorization
- FWD

Governing

Core

Enabling
Acquisition Process Model
1.2.4.2 Monitor Financial Execution

**Note:** CTRL-Click here to access an active link to a memo from Mr. Hale and Mr. Kendall regarding obligation rate tenets.

**Core**
- Track Monthly Obligations & Expenditures
- Program Authorization
- Budget Authorization
- Program Expenditure Execution

**Governing**
- Review MDAP Obligation Rates
- Program Obligation Actions
- Underobligated MDAPs

**Enabling**
- Create Omnibus Position
- Approved List of Sources & Requirements
- Top Down Bill Pays
- Must Pays
- Other Risks
- SPR Pays

**PEO View**
- PEO View Program Authorization Budget Authorization

**Underobligated MDAPs**
- Identify Shortfall / Excess Funds
- O/E Report
- Funds Status
Acquisition Process Model
1.2.4.2.3 Create Omnibus Position

- Governing
- Core
- Enabling

**Trigger:** Mid-April

1. **Gather Sources & Requirements**
2. **Develop Draft List of Sources & Requirements**
3. **Coordinate/Finalize Sources & Requirements**
4. **Approved List of Sources & Requirements**
Acquisition Process Model
1.2.4.2.4 Execute Top Down Bill Process

Go Up 1 Level

Governing

Core

Enabling

Build Top Down Bill Pay Briefing

Coordinate Top Down Bill Pay Briefing

Brief CSAF/SecAF

Conduct Sourcing Activities

Execute Payment via 1415 or BTR Process

Approved Top Down Bill Pays

Approved Top Down Bill Pays

Funds Executed
Acquisition Process Model
1.2.4.3 Conduct Reprogramming Activities

Go Up 1 Level

Governing

Core

Enabling

Conduct Above Threshold Action

Conduct Below Threshold Action

Review and Coordinate Program Baselines

Provide GEV for GFE Data

Program Authorization

Funds Status

Budget Authorization

Funding Adjustment

Program Authorization

Program Authorization

Budget Authorization

Data Request

GEV/ GFE Data Package

APB
Acquisition Process Model
1.2.4.3.2 Conduct Below Threshold Action

1. Monitor Execution of Program Funds
2. Data Call for Unfunded Requirements
3. Unfunded Requirements
4. Potential Funding Sources
5. Validate Source
   - Realignment / Reprogramming Document
   - Sourcing Approval
6. Obtain PEO Approval for Sources
7. Unfunded Requirements
8. Complete Necessary Documentation
   - Informational Notification
9. Coordinate Realignment / Reprogramming Documents
10. Issue Updated Program Authorization
   - Program Authorization
11. Program Approval
12. Issue Updated Budget Authorization / Allocation
   - Budget Authorization
   - Program Authorization
   - Budget Authorization
14. Realign Funds Between Program Offices
   - Program Authorization
   - Budget Authorization

Go Up 1 Level

Funding

AFLMC Standard Processes

FWD
Acquisition Process Model

1.2.4.3.3 Review and Coordinate Program Baselines

- Develop Recommendations to APB
- Prepare/Sign Proposed APB
- Review/Sign Proposed APB
- Task Proposed APB to SAF/AQ CD Organization
- Prepare/Task Coordination/Signature Package
- Propose APB
- Prepare/Sign Proposed APB

APB

Go Up 1 Level
Acquisition Process Model
1.2.4.3.4 Provide General Equipment Valuation/Government Furnished Equipment Data

- Conduct Data Call to Program Offices
- Provide Requested Data
- Forward Data to SAF/A4L

Data Request
Data Call
GEV/GFE Data
GEV/GFE Data Package
Acquisition Process Model
1.3 Develop Requirements and Preliminary Design

**Technology Development**

- Technology Concept
- Technology Need

**Technology Development Outputs**
- Broader Set of Technology Options
- Operational and Supportable Technology

**Develop Preliminary Design**

- Warfighter Shortfall / Need
- MS A ADM

**Develop Preliminary Design Outputs**
- Acquisition Strategy
- Capability Document

**Address Accelerated Capability Needs**

- Acquisition Strategy
- Urgent Need Request

**Address Accelerated Capability Needs Outputs**
- LON
- DD1415-1

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**Note 1 from the Chief Process Officer:** The Under Secretary of Defense for AT&L has provided four key enduring acquisition principles. The first of these principles is "Think". Program managers should tailor the program according to the specific needs of that program. The rote checking the blocks in a checklist or simply following each and every step of a process is the antithesis of Mr Kendall's challenge to Program Managers. Use this Model as a model. If your program's situation warrants a waiver from the checklist or process, seek that waiver from your milestone decision authority. CTRL-Click here to access an active link to Mr. Kendall’s thoughts.

**Note 2:** The purpose of program tailoring is to streamline the acquisition program to the maximum extent possible, consistent with risk, to provide new systems to operational commanders as fast as possible. DoDI 5000.02, Section 5.a.2; AFPAM 63-128, Section 14.1
Acquisition Process Model
1.3.1 Technology Development

Identify and Prioritize Technology Needs

Technology Concept
Technology Need

Broader Set of Technology Options
Prioritized Need

Mature Technology

Other Technology Applications
Demonstrated Technology
TRL 3/4/5 Technology

Transition Technology

Operational and Supportable Technology
Acquisition Process Model
1.3.1.1 Identify and Prioritize Technology Needs

**Identify and Prioritize Technology Needs**

- **Define Technology Needs**
  - Technology Need
  - Technology Concept

- **Identify Flagship Capability Concepts**
  - Technology Need
  - Technology Concept

- **Identify Advanced Technology Demonstrations**
  - Technology Need
  - Technology Concept

- **Prioritize Technology Needs**
  - Comprehensive List of Technology Needs

- **Review & Validate Technology Efforts**
  - Prioritized Requirements
  - AFROC Memorandum

- **Insert Technology Push**
  - Broader Set of Technology Options

- **Conduct Joint Candidate Technology Demonstration**
  - JCTD Approval
  - JCTD Outcome
1.3.1.1.3 Conduct Joint Candidate Technology Demonstration

**Acquisition Process Model**

- **Governing**: Develop and Approve Implementation Directive
- **Core**: Identify Emerging Technology(s), Develop JCTD Plan, Demonstrate JCTD
- **Enabling**: Approve JCTD, JCTD Approval, JCTD Outcome

- **Go Up 1 Level**

- **Steps**:
  1. Conduct Joint Candidate Technology Demonstration
  2. Identify Emerging Technology(s)
  3. Develop JCTD Plan
  4. Demonstrate JCTD
  5. Approve JCTD

- **Outcomes**:
  - Demonstrated Technology
  - JCTD Approval
  - JCTD Outcome

**Note**: The diagram illustrates the flow and relationships between the steps of the acquisition process model.
Acquisition Process Model
1.3.1.2 Mature Technology
Acquisition Process Model
1.3.1.3.3.3 Identify Technologies To Be Assessed

**Governing**

- TRA Need Identified
- Formed SME Team

**Core**

- Prepare Initial List of Critical Technology Elements (CTE)
- Recommend Changes to the List of Critical Technologies

**Enabling**

- Go Up 1 Level

- Initial List of CTEs
- List of CTEs

FWD
Acquisition Process Model
1.3.1.3.3.5 Assess Technology Maturity

Go Up 1 Level
Acquisition Process Model
1.3.2 Develop Preliminary Design

Note 1: The following websites provide valuable information for product support activities. The DoD Integrated Product Support Implementation Roadmap has links to over 2500 knowledge items (such as policy, references, and continuous learning modules). The Roadmap identifies activities and outputs for the twelve integrated product support (IPS) elements over the total life cycle. DoD has also established a Product Support Manager website that provides links to a variety of relevant documents. Finally, the Air Force has developed the Contract Sustainment Support Guide to provide best practices for contractor logistics support. CTRL-Click here to access an active link to each of the above.

Note 2: This enabling process is based on the AFMC/EN and SMC/EN sponsored SEAM Guide.
Acquisition Process Model
1.3.2.1 Perform Capabilities-Based Assessment

- Define Required Capability
- Conduct Capability Gap Analysis
- Develop CBA Study Plan
- Analyze DOTmLPF-P Spectrum
- Develop Initial Capabilities Document (ICD)
- Conduct Requirements Validation
- Request for Top Down Direction

Note 1: An AFLCMC specific process exists to provide product support considerations to the CBA and ICD. CTRL-Click here to access an active link to this process.
Acquisition Process Model
1.3.2.1.4 Develop ICD (Capability Documents)

**Governing**
- Perform AF Gatekeeper Review
- Conduct AF Force Requirements Review Group Meeting
- Validate ICD
- Approve ICD (Air Force)
- Conduct Deliberate Staffing Process
- Conduct JROC/JCB Tripwire Process

**Core**
- Develop Requirements Strategy
- Conduct Requirements Strategy Review
- Form HPT to Develop Draft ICD
- Conduct AF and Joint Coordination
- Validate ICD
- Sign ICD (Air Force)
- JROC Interest
- JROC Approved ICD
- JROCC Approved ICD
- AF Approved ICD
- Revised ICD

**Enabling**
- Perform Gatekeeper Activities
-协调 ICD
- AF Signed ICD
- JROC Approved ICD
- AF Approved ICD
- Revised ICD

**Note:** An eAFRRG or eAFROC may be convened in cases where a decision is needed to be made by the AFRRG or AFROC body outside of the regularly scheduled AFRRG/AFROC cycle or in cases where the regular agenda is full and cannot wait until the next scheduled requirements review. eAFRRG and eAFROC will normally provide the principals five working days to review the materials. Principals are required to respond to eAFRRG/eAFROC in accordance with the AFRRG/AFROC Charter.

**Note:** The following KPPs are mandatory in requirements documents per JCIDS Manual: Force Protection KPP, System Survivability KPP, Sustainment KPP, Net-Ready KPP, Training KPP and Energy KPP.

The following KSAs are mandatory in AF requirements documents: the Flight Simulator KSA.
Acquisition Process Model
1.3.2.1.4.2 Conduct Requirements Strategy Review (RSR)
Acquisition Process Model
1.3.2.1.5 Conduct Capability Gap Analysis

**Note:** These processes are part of the AFLCMC standard processes for Development Planning. CTRL-Click to view the AFLCMC Process.
Acquisition Process Model
1.3.2.2 Generate Materiel Concepts (Conduct Development Planning)

**Core**
- Develop Potential Concepts
- Quantify Capability Needs
- Perform Characterization of Candidate Solutions Sets
- Conduct Programmatic Analysis
- Develop AoA Study Guidance

**Enabling**
- Go Up 1 Level

**Governing**
- Note: The AFLCMC specific process for Development Planning intersects the Prepare AoA Study Plan. CTRL-Click here to access an active link to the AFLCMC process.
Acquisition Process Model
1.3.2.2.1 Develop Potential Concepts

NOTE 1: At each approval step, one of three actions occurs:
1) Advance to the next step
2) Return to prior steps for rework
3) Archive the proposal due to immature technology

NOTE 2: The enabling processes are part of AFLC/MC Standard Processes.

NOTE 3: Process 1.6 (Perform Concept Exploration and Refinement), of the AFLC/MC Standard Processes is contained within the Core Processes.
Acquisition Process Model
1.3.2.2.3 Perform Candidate Solutions Sets Characterization

NOTE 1: At each approval step, one of three actions occurs:
1) Advance to the next step
2) Return to prior steps for rework
3) Archive the proposal due to immature technology

NOTE 2: The enabling process is part of an AFLCMC Standard Process.
Acquisition Process Model
1.3.2.2.4 Conduct Programmatic Analysis

NOTE 1: At each approval step, one of three actions occurs:
1) Advance to the next step
2) Return to prior steps for rework
3) Archive the proposal due to immature technology

NOTE 2: The enabling process is part of an AFLCMC Standard Process.
1.3.2.3 Conduct Materiel Solution Analysis (Analysis of Alternatives)

**Preparation for the AoA**
- Establish Program Office & Prepare for Next Phase
- Conduct Effectiveness, Cost, and Risk Analyses
- Conduct Early Systems Engineering Analysis
- Conduct Alternative Comparisons
- Conduct Post-AoA Review
- Identify Preferred System Concept / Course of Action

**Preparing Fully Burdened Cost of Energy Estimate**
- Provide Concept of Operations / Operational Mode Summary / Mission Profile
- Conduct Materiel Solution Analysis
- Effectiveness Analysis
- Conduct Alternative Comparisons
- Approved Set of Candidate Solutions
- Full Cost of Energy

**NOTE 1:** Consistent with Appendices J & K of the AoA Handbook, Human System Integration (HSI) and Acquisition Intelligence are interwoven throughout the AoA process. CTRL-Click here to access an active link to the AoA Handbook.

**NOTE 2:** The final enabling process is part of an AFLCMC Standard Process. Preferred System Concept / COA

**NOTE 3:** The HSI perspective during the AoA is to evaluate alternative solutions to determine the alternative that maximizes human performance, minimizes HSI-related costs and supports safe and effective operations, maintenance, and support functions.
Conduct Effectiveness, Cost, and Risk Analyses

Note: The Refine Initial Concept process occurs concurrently with the other 3 processes. As such, it both provides and receives input from all 3 processes.
Acquisition Process Model
1.3.2.3.7 Prepare AoA Final Report

- Capture the Results of the Analysis
- Coordinate Final Report with Stakeholders
- Validate Final Report
- Draft Final Report
- Alternative Comparison Matrix
- Recommended Courses of Action
- Coordinated Final Report
- AoA Final Report
1.3.2.3.9 Provide Milestone A Product Support Considerations

**NOTE:** This process is part of an AFLCMC Standard Process.
1.3.2.3.9.1 Refine CCTD Product Support Considerations

NOTE: This process is part of an AFLCMC Standard Process.
Acquisition Process Model
1.3.2.3.9.3 Finalize Product Support Milestone A Documents

NOTE: This process is part of an AFLCMC Standard Process.
Acquisition Process Model

1.3.2.4 Refine Preferred System Concept

- Manage, Analyze, and Validate Requirements
  - Requirements Traceability Matrix
  - Reliability Growth Curves
  - Verification Plans for Test Scripts
  - System Performance Specifications

- Develop System Performance Specifications
  - COA
  - Draft CDD
  - Preferred System Concept

- Develop Capability Development Document (CDD)
  - Draft CDD
  - Requirements Traceability Matrix

- Create Test and Evaluation Master Plan (TEMP)
  - TEMP

- Address Life-Cycle Consideration
  - Acquisition Strategy
  - Preferred System Concept

- Governing
  - Acquisition Strategy
  - COA
  - Draft CDD
  - Preferred System Concept

- Enabling
Acquisition Process Model
1.3.2.4.2 Develop CDD (Capability Documents)

**Note:** The following KPPs are mandatory in requirements documents per JCIDS Manual: Force Protection KPP, System Survivability KPP, Sustainment KPP, Net-Ready KPP, Training KPP and Energy KPP.

The following KSAs are mandatory in AF requirements documents: the Flight Simulator KSA.

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**Note:** An eAFRRG or eAFROC may be convened in cases where a decision is needed to be made by the AFRRG or AFROC body outside of the regularly scheduled AFRRG/AFROC cycle or in cases where the regular agenda is full and cannot wait until the next scheduled requirements review. eAFRRG and eAFROC will normally provide the principals five working days to review the materials. Principals are required to respond to eAFRRG/eAFROC in accordance with the AFRRG/AFROC Charter.
Acquisition Process Model
1.3.2.4.2.2 Conduct Requirements Strategy Review (RSR)

1. Request Requirements Strategy Review
2. Schedule Requirements Strategy Review
3. Submit RSR Request Package
4. Document A5R Approval

Governing:
- Review/Coordinate for Requirements Strategy Review
- Approved RSR Package
- RSR Approval Memo

Core:
- Request for RSR
- Requirements Documentation
- RSR Package
- RSR Logistics
- Approved RSR

Enabling:
- Archive Artifacts to IRSS
- Updated IRSS
- RSR Briefing
- RSR Approval

IRSS

IRSS
Note 1: An AFLCMC specific process exists to describe the Acquisition Strategy Process. This AFLCMC process is contained within the Air Force Process depicted here. CTRL-Click here to access an active link to this process.

Note 2: Conduct Market Research and Develop Draft Acquisition Plan are predecessors to the 1.4.4.1 processes.
Acquisition Process Model
1.3.2.5.4 Preliminary Design Review (PDR)

- Identify PDR Prerequisites
  - PDR Risk Assessment Checklist
  - Allocated Baseline

- Prepare for PDR
  - Program Schedule
  - SEP
  - Draft CDD
  - Interface Control Document
  - IMP
  - IMS

- Conduct PDR
  - PDR Documentation

- Address Unresolved Issues
  - Unresolved Issue

- Develop Post-PDR Assessment
  - Updated CARD
  - Updated Program Schedule
  - LCSP

- PDR Documentation
  - Post-PDR Assessment

- Core
  - Governing
  - Enabling

Go Up 1 Level
Acquisition Process Model
1.3.2.5.5 Perform Mission Assignment (MA)

**Note:** This is an AFMC Standard Process. It is included in this model in advance of Streamlining and Redesign.

**Note:** This process was modified IAW Section 1.4.1.4.2 of AFI 63-101/20-101.
Acquisition Process Model
1.3.2.5.6 Conduct Critical Decision Point (CDP) 1a (Pre-ASP)
Multi-Functional Independent Review Team (MIRT)
Note: Currently used for only the Acquisition Strategy, this process can apply to any milestone information requirement.
1.3.2.6 Conduct Capability Gap Assessment

- Synthesize Capability Gaps
- Stratify Capability Gaps
- Review and Brief JCB
- Conduct JROC Briefing

Go Up 1 Level
1.3.3 Address Accelerated Capability Needs

Acquisition Process Model

Go Up 1 Level

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**Enabling**

- Note 2: As described in CJCSI 3170.01I and the JCIDS Manual, “Emergent Operational Needs” are processed similarly to “Urgent Operational Needs”

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**Core**

- Lead and Facilitate Response to UONs
  - Urgent Need Request
  - Validated UON
  - UON Prioritization
  - UON Assessment
  - Perform New Start
    - LON
    - DD1415-1

- Conduct Warfighter Urgent Operational Needs (UON)
  - Urgent Need Request
  - Validated UON
  - UON COA
  - Fielded Assets

- Perform Quick Reaction Capability Process
  - UON COA
  - Fielded Assets

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**Governing**

- Direct Quick Reaction Capability / Urgent Operational Need Process
  - QRC Integration & Resourcing
  - Monthly Stmts MAJCOM Reports
  - UON/JUON Integration & Resourcing
  - UON/JUON Status

---

**Note 1:** The two core processes implement DoDI 5000.02, Enclosure 13 (Rapid Fielding of Capabilities).
Acquisition Process Model
1.3.3.1 Conduct Warfighter Urgent Operational Needs

Go Up 1 Level

Governing

Receive Warfighter Urgent Operational Need (UON) Request

Assess and Validate UON

Non-Validated UON Request

Validated UON

Develop UON Course of Action

Load UON Request into IRSS database

Present to AFROC & Notify Requestor

UON Notification

PEO View

Core

Urgent Need Request

Processed Request

Validated UON

UON COA

CCD

Enabling

Note: As described in CJCSI 3170.01I and the JCIDS Manual, “Emergent Operational Needs” are processed similarly to “Urgent Operational Needs”
Acquisition Process Model
1.3.3.1.3 Develop COA

Go Up 1 Level
1.3.3.2 Perform Quick Reaction Capability (QRC) Process

- **Select COA**
- **Develop and Approve Acquisition Approach**
- **Execute COA**
- **Perform Capability Transition Review (CTR)**

**Core**
- UON COA
- QRC ADM
- Fielded System
- Fielded Assets

**Enabling**
- Update IRSS SMART w/ UON/QRC Information
- QRC
- UON/QRC Status

**Governing**
- Go Up 1 Level
- PEO View
1.3.3.2.2 Develop and Approve Acquisition Approach

Acquisition Process Model

Refine COA

Approve Urgent Need Acq Strategy and Program Baseline

Issue ADM

Develop and Approve Acquisition Approach

Go Up 1 Level
Acquisition Process Model
1.3.3.2.3 Execute COA

Governing

Core

Develop/Test QRC → Conduct Initial Fielding

Conduct P&D Milestone Review → Production QRC ADM

Fielded QRC System

Assess Fielded Capability for Suitability & Effectiveness

Adjusted QRC System

Fielded System

Adjust Solution for Evaluation

Conduct Post-Fielding Assessment

Capabilities & Limitations Report

Developed/Tested System

QRC ADM

Fielded System

QRC ADM

Post - Fielded Assessment

Enabling

Go Up 1 Level
Go Up 1 Level

Acquisition Process Model
1.3.3.2.4 Perform Capability Transition Review (CTR)

- Conduct CTR
- Transition to Enduring Program
  - Bridge Strategy
  - In-Theatre Assets
- Sustain In-Theatre Assets Only
- Conduct Demilitarization & Disposal
  - Demilitarized Asset
- Field Remaining Assets to Theatre
  - Fielded Assets
- Conduct CTR
- Fielded System

Core

Enabling

Governing
1.3.3.3 Conduct New Start Notification Process

Format New Start Notification Package for Coordination

Coordinate and Approve New Start Notification Package

Sign and Deliver New Start Notification Package / Letter of Notification (LON)

Note: PM Responsibilities outlined in AFI 63-101/201-101 Section 3.19
1.3.3.6 Lead and Facilitate Response to UONs

Note: The Warfighter SIG may establish DoD-level task forces, as required, to focus DoD efforts to resolve UONs or address capability surprises within specified capability domains.
Note 1 from the Chief Process Officer: The Under Secretary of Defense for AT&L has provided four key enduring acquisition principles. The first of these principles is "Think". Program managers should tailor the program according to the specific needs of that program. The rote checking the blocks in a checklist or simply following each and every step of a process is the antithesis of Mr Kendall's challenge to Program Managers. Use this Model as a model. If your program's situation warrants a waiver from the checklist or process, seek that waiver from your milestone decision authority. CTRL-Click here to access an active link to Mr. Kendall's thoughts.

Note 2: The purpose of program tailoring is to streamline the acquisition program to the maximum extent possible, consistent with risk, to provide new systems to operational commanders as fast as possible. DoDI 5000.02, Section 5.a.2; AFPAM 63-128, Section 14.1
Note 1: The following websites provide valuable information for product support activities. The DoD Integrated Product Support Implementation Roadmap has links to over 2500 knowledge items (such as policy, references, and continuous learning modules). The Roadmap identifies activities and outputs for the twelve integrated product support (IPS) elements over the total life cycle. DoD has also established a Product Support Manager website that provides links to a variety of relevant documents. Finally, the Air Force has developed the Contract Sustainment Support Guide to provide best practices for contractor logistics support. CTRL-Click here to access an active link to each of the above.

Note 2: This enabling process is based on the AFMC/EN and SMC/EN sponsored SEAM Guide.
Note: Competitive Prototyping is required for all MDAPS, but this requirement can be waived for some ACAT III Programs. See DoD 5000.02 Section 5.
Acquisition Process Model

1.4.1.1.1 Refine System Design

Iterative Process that occurs throughout the EMD Phase

- Perform Supportability Analysis
  - Programmatic Data
  - Acquisition Strategy
  - CDD
  - Supportability Analysis

Finalize “Build-To” Documentation for Components

Establish Detailed Design Compatibility among Configuration Items

Develop Detailed Design

- Design Compatibility Assessment
  - Initial Sub System and Component Specs
  - Interface Control Document
  - Preliminary Design

Preliminary Design

Programmatic Data

Acquisition Strategy

CDD

Initial Sub System and Component Specs

Interface Control Document

Preliminary Design

Design Compatibility Assessment

Refined System Design

Go Up 1 Level
Go Up 1 Level

Acquisition Process Model
1.4.1.1.2.4 Develop CDR Risk Assessment Checklist
Acquisition Process Model

1.4.1.1.3 Address Critical Design Review (CDR) (1.1.4.2)
Acquisition Process Model
1.4.1.2 Evaluate and Demonstrate the System
Acquisition Process Model
1.4.1.2.1 Modify Design Based on Test Results

Modify Design Based on Test Results

Review Test Data

Go Up 1 Level

Validate Deficiency from DT Activities

Modified Detailed Design

Modify Prototype / Production Rep Article

System Performance Specifications

Performance Gaps

Test/ Analysis Data

Failed Reporting and Corrective Action System

Validated Deficiencies

Modified Detailed Design

FWD

FWD
Acquisition Process Model
1.4.1.2.2 Address Functional Configuration Audit (FCA)
Acquisition Process Model
1.4.1.2.3 Demonstrate the System

Go Up 1 Level
Acquisition Process Model
1.4.1.3 Demonstrate Manufacturing Readiness

1. Demonstrate Sub System Manufacturing Capability
2. Demonstrate System Manufacturing Capability
3. Demonstrate Capability of Critical Processes
4. Conduct Production Readiness Review

Core

Enabling

Governing

Go Up 1 Level

PEO View

Demonstrated System
System and Sub-System Documentation
Demonstrated Sub System Manufacturing Capability
Demonstrated System Manufacturing Capability
Demonstrated Capability of Critical Processes
Software Sustainment Processes
Manufacturing Processes
Develop Capability Production Document (CPD)

1.4.1.4 Develop Capability Production Document (CPD)

Perform AF Gatekeeper Review

Conduct Air Force Requirements Review Group Meeting

Conduct Air Force and Joint Coordination

Approve CPD (Air Force)

Conduct AF Gatekeeper Review

Conduct AF and Joint Coordination

Validate CPD and Endorses CPD

Sign CPD (Air Force)

Conduct Deliberate Staffing Process

Perform Gatekeeper Activities

Note: The following KPPs are mandatory in requirements documents per JCIDS Manual: Force Protection KPP, System Survivability KPP, Sustainment KPP, Net-Ready KPP, Training KPP and Energy KPP.

The following KSAs are mandatory in AF requirements documents: the Flight Simulator KSA.
Acquisition Process Model
1.4.1.4.2 Conduct Requirements Strategy Review (RSR)
Acquisition Process Model
1.4.2 Program Production

Perform PIR (Post Implementation Review)

Perform LRIP

Conduct Full Rate Production

Amended LCMP

Capability Shortfall

Program Adjustments

Field the System

Fielded System

FOT&E Results

Mission Readiness Report

Annual CFO Report

War Game Results

User MAJCOM Surveys

Manufacturing Processes

Draft CPD

Operationally Representative System

Articles / Assets DD250 (Includes Supportability Items)

Product Support Package

Fielding Plan

Support Plan

Revision of System Engineering Processes

Note 1: The following websites provide valuable information for product support activities. The DoD Integrated Product Support Implementation Roadmap has links to over 2500 knowledge items (such as policy, references, and continuous learning modules). The Roadmap identifies activities and outputs for the twelve integrated product support (IPS) elements over the total life cycle. DoD has also established a Product Support Manager website that provides links to a variety of relevant documents. Finally, the Air Force has developed the Contract Sustainment Support Guide to provide best practices for contractor logistics support. CTRL-Click here to access an active link to each of the above.

Note 2: This enabling process is based on the AFMC/EN and SMC/EN sponsored SEAM Guide.
Enabling Core Acquisition Process Model

1.4.2.1 Perform Low Rate Initial Production

- **Perform First Article Testing**
  - LRIP Assets
  - Definitized Agreement

- **Monitor Production System**
  - CPD
  - Definitized Agreement

- **Accept Production Assets**
  - Production Articles
  - DD250
  - Validated Production Baseline

- **Perform OT**
  - Production Assets
  - DD Form 1222

- **Perform LFT&E**
  - Production Assets
  - Updated Configuration

- **Modify Configuration to Correct Deficiencies**
  - Production Articles
  - OT DRs

- **Address Physical Configuration Audit**
  - Accepted Design and Manufacturing Documentation
  - Operationally Representative System

- **Develop Reports to Congress**
  - Definitized Agreement
  - DOT&E Report on Initial Operational Test and Evaluation

- **Accept Production Assets**
  - Updated Configuration

- **Go Up 1 Level**

- **PEO View**

- **Governing**
  - Manufacturing Processes
  - CPD

- **Enabling**
  - Definitized Agreement
  - FWD
Acquisition Process Model
1.4.2.1.2 Perform First Article Testing (FAT)

Go Up 1 Level

Identify First Article Test Requirement

Develop FAT Surveillance Strategy

Perform FAT

CLIN / CDRL

FAT Surveillance Strategy

FAT Surveillance

Notify PCO of any Nonconformities and Prepare Report

DD Form 1222

LRIP Assets

Definitized Agreement

Go Up 1 Level
Enabling Core Acquisition Process Model
1.4.2.1.3 Accept Production Assets

Go Up 1 Level
1.4.2.1.7 Address Physical Configuration Audit (PCA)
1.4.2.2 Conduct Full Rate Production

Go Up 1 Level

Acquisition Process Model

Conduct FRP Decision

Monitor Production System

Accept the Articles / Assets and Associated Supportability Items

Operationally Representative System

MDA Requirements

DoDI 5000.02 Information Requirements

Definitized Agreement

Production Acceptance Criteria

Operationally Representative System

Change Requests

Refined Design

Product Support Package

Articles / Assets DD250 (Includes Supportability Items)
1.4.2.3.1 Select Site

Identify System Fielding Requirements

Request Site Survey

Coordinate and Approve Survey Requests

Conduct Site Survey

Request Unit Beddown

Survey Request

Site Survey Request

Site Survey Approved

Site Survey Requirements Report

Candidate Site

Decision to Deploy

Governing

Core

Enabling
Acquisition Process Model
1.4.2.3.1.3 Coordinate and Approve Survey Requests

Go Up 1 Level

Core

Evaluate Site Survey Requests

Approve Site Survey Request

Notify Requesting Agency of Decision

Issue Survey Control Number (SCN)

Enabling
Acquisition Process Model
1.4.2.3.1.4 Conduct Site Survey

- Activate SATAF
- Assess Environmental Impact
- Conduct Follow-On Survey(s)
- Develop Site Requirements Report
- Approval to Survey Site
- Authorization for Environmental Impact Assessment
- Facility Assessment
- Infrastructure Assessment
- Manning Assessment
- Environmental Impact Assessment
- MWR Assessment
Governing

1. Assess Site

1.1 Assess

1.1.1 Installation/Facility

1.1.2 Assess Infrastructure

1.1.3 Assess Morale, Welfare, and Recreation

1.1.4 Assess Manning

Note: Follow-on Surveys at the same location do not require Air Staff coordination and approval, per AFI 10-553 Section 2.7

Facility Assessment

MWR Assessment

Manning Assessment

Environmental Impact Assessment

Environmental Impact Assessment

Environmental Impact Assessment

Environmental Impact Assessment
Acquisition Process Model
1.4.2.3.1.5 Request Unit Beddown

1. Prepare Signed AF Form 813
2. Receive Concurrence with Beddown Request (Host Location / MAJCOM)
3. Prepare Beddown Proposal

Governing

Core

Enabling

Site Requirements Report

Go Up 1 Level

AF Form 813

Beddown Concurrence

Candidate Site

Beddown Request

BACK
Acquisition Process Model
1.4.2.3.3 Modify Site

Governing
- Site Approval
- Facility & Construction Needs
- Design Facility & Infrastructure
- Perform Construction
- Facility & Construction Needs
- Manpower Needs
- Proposed Facility & Infrastructure Design

Core
- Manpower Needs
- Request MILCON
- Construction Funding
- MILCON Request

Enabling
- Site Approval
Acquisition Process Model
1.4.2.3.3.2 Identify Manpower Needs

Go Up 1 Level

Identify Military Manning

Identify Non-Military Manning

Site Approval → Military Manning Needs

Site Approval → Non-Military Manning Needs
Acquisition Process Model
1.4.2.3.4 Realign Program

Determining Transition Requirements and Timeline
Prepare Transition Support Plan
Approve Transition Support Plan
Resolve Transition Related Issues
Execute Transition Support Plan

Support Plan

Transition Support Plan

Issue
Resolved Issue

System and Sub-System Documentation
Resources Needed
Transition Support Plan Status

Note: Incorporated references to the AFLCMC Standard Process (Program Transition).
1.4.2.4 Perform Post Implementation Review (PIR)

- Develop PIR Plan
- Evaluate Sustainment Capability Status
- Compare Actual Results with Established Goals
- Evaluate Shortfalls due to Mission Realities
- Document PIR

Inputs:
- FOT&E Results
- Mission Readiness Report
- Annual CFO Report
- War Game Results
- User MAJCOM Surveys

Outputs:
- Sustainment Capability Status
- Program Performance
- Potential Capability Shortfall(s)
- Program Adjustments
- Amended LCMP
- Capability Shortfall

Enabling:
- Annual CFO Report
- War Game Results
- User MAJCOM Surveys

Governing:
- FOT&E Results
- Mission Readiness Report
- Annual CFO Report
- War Game Results
- User MAJCOM Surveys

Core:
- Develop PIR Plan
- Evaluate Sustainment Capability Status
- Compare Actual Results with Established Goals
- Evaluate Shortfalls due to Mission Realities
- Document PIR
Acquisition Process Model
1.4.3 System Sustainment

Note 1: The following websites provide valuable information for product support activities. The DoD Integrated Product Support Implementation Roadmap has links to over 2500 knowledge items (such as policy, references, and continuous learning modules). The Roadmap identifies activities and outputs for the twelve integrated product support (IPS) elements over the total life cycle. DoD has also established a Product Support Manager website that provides links to a variety of relevant documents. Finally, the Air Force has developed the Contract Sustainment Support Guide to provide best practices for contractor logistics support. CTRL-Click here to access an active link to each of the above.

Note 2: The Conduct Systems Engineering Assessment process is based on the AFMC/EN and SMC/EN sponsored SEAM Guide.
Note 1: The following websites provide valuable information for product support activities. The DoD Integrated Product Support Implementation Roadmap has links to over 2500 knowledge items (such as policy, references, and continuous learning modules). The Roadmap identifies activities and outputs for the twelve integrated product support (IPS) elements over the total life cycle. DoD has also established a Product Support Manager website that provides links to a variety of relevant documents. Finally, the Air Force has developed the Contract Sustainment Support Guide to provide best practices for contractor logistics support. CTRL-Click here to access an active link to each of the above.
Acquisition Process Model
1.4.3.1.1 Execute Maintenance Activities

Go Up 1 Level

Core

Governing

Enabling

Implement DSOR Decision

Gather Maintenance Data

Assess DSOR Decision

Maintained System

Operational System

LCSP

Product Support Strategy

DSOR Decision

Fielded System

Maintenance Data

Revised DSOR Decision

ETAR Package

Organic Requirements

Brief to Program Manager

Address Engineering Technical Assistance Requests

Conduct Supportability Assessment for Organic Requirements

FWD
Acquisition Process Model

1.4.3.1.1.4 Address Engineering Technical Assistance Requests (ETAR)

**Note:** This is an AFLCMC Standard Process.
Acquisition Process Model
1.4.3.1.1.5 Conduct Supportability Assessment for Organic Requirements

Identify Organic Requirements

Assess Organic Modification Requirements

Recommend Mitigation Strategy

Determine Supportability

Develop Mitigation

Assign Risk

Report Status Quad 1 Monthly Performance Review

Organic Requirements

Supportability Determined

Initial Risk Mitigation

Risk Mitigation

Go Up 1 Level

AFLCMC Standard Processes

Note: This is an AFLCMC Standard Process.
Acquisition Process Model
1.4.3.1.2 Execute Supply Activities

Go Up 1 Level
Acquisition Process Model
1.4.3.1.3 Address Other Integrated Logistics Support (ILS) Elements

Go Up 1 Level

Fielded System
Product Support Strategy
Product Support Strategy Changes
System Changes

Operational System
Sustainment Metrics
Service Use & Supply Chain Data

Execute Product Support Management
Execute Design Interface Activities
Execute Sustaining Engineering Activities
Execute PHS&T Activities
Execute Technical Data Management Activities

Execute Test / Support Equipment Activities
Execute Training & Training Supp. Activities
Execute Manpower & Personnel Activities
Execute Facilities & Infrastructure Activities
Execute Comp. Res. & Software Supp. Activities

Execute Sustaining Engineering Activities
Execute PHS&T Activities
Execute Technical Data Management Activities
Execute Comp. Res. & Software Supp. Activities

Fielded System
Product Support Strategy
Product Support Strategy Changes
System Changes

Governance
Core
Enabling
Acquisition Process Model
1.4.3.1.4 Monitor Support Plan

Go Up 1 Level

Monitor & Collect Service Use Data → Analyze Data to Determine Root Cause of Problem → Determine System Risk / Hazard Probability & Severity → Develop Corrective Action

Integrate & Test Corrective Action → Assess Risk of Improved System → Implement & Field Corrective Action

Supportability Corrective Action

System Risk Assessment

Product Support Strategy Changes

Supportability Root Cause Risk Assessment

System Changes

Go Up 1 Level

Go Up 1 Level

Go Up 1 Level
Acquisition Process Model
1.4.3.2 Conduct System Modification

Governing

Core

Enabling

Note 1: The enabling process receives information from all of the core processes. For display purposes, we have not shown these inputs.
1.4.3.2.3 Field/Install the Modification

Acquisition Process Model

Governing

Coordinate Modification Installation Activities

Core

Approve Modification Install

Enabling

Report and Monitor Modification Status

Modified Weapon System

Coordinate Modification Installation Activities

TCTO

Technical Data Package

Modification Installation Documents

Modification Installation Documents

Modification Program Status

Go Up 1 Level
Acquisition Process Model
1.4.3.3 Conduct Systems Engineering Assessment

Conduct SEAM Planning

Conduct SEAM Self Assessment

Conduct SEAM Validation

Address Results and Feedback

Note: This process is based on the AFMC/EN and SMC/EN sponsored SEAM Guide.
Acquisition Process Model
1.4.3.3.1 Conduct SEAM Planning

Go Up 1 Level

Note: This process is based on the AFMC/EN and SMC/EN sponsored SEAM Guide.

Provide SEAM Leadership Training

Provide SEAM Self-Assessment Training

Identify Roles & Responsibilities

Plan the Overall Assessment Effort

Initiate Self Assessment

Fielded System

Product Support Strategy

Request for System Engineering Assessment

Archived SEAM Assessment

SEAM Team

Trained SEAM Team

Parameters for SEAM

FWD

Fielded System

Product Support Strategy

Request for System Engineering Assessment

Archived SEAM Assessment

SEAM Team

Trained SEAM Team

Parameters for SEAM

FWD
Note: This process is based on the AFMC/EN and SMC/EN sponsored SEAM Guide.
Acquisition Process Model
1.4.3.3.3 Conduct SEAM Validation

Note: This process is based on the AFMC/EN and SMC/EN sponsored SEAM Guide.
Acquisition Process Model
1.4.3.3.4 Address Results and Feedback

Note: This process is based on the AFMC/EN and SMC/EN sponsored SEAM Guide.
Acquisition Process Model
1.4.3.4.1 Conduct Demilitarization Activities

Go Up 1 Level
The above process applies to Programmed Reclamations. The process for Nonprogrammed Reclamations is essentially the same – only difference is the number of end items (usually five or less for nonprogrammed reclamations).
Acquisition Process Model
1.4.3.4.3 Address Other Disposal Options

1. Conduct Donation / Loan
   - Demilitarized Asset
   - Programmed Save List
   - Migration Plan

2. Address Precious Metal Recovery Program
   - Demilitarized Asset
   - Migration Plan
   - Programmed Save List

3. Address Spacecraft and Orbital Launch Vehicle Components
   - Demilitarized Asset
   - Migration Plan
   - Programmed Save List

4. Address Property Requiring Special Processing
   - Demilitarized Asset
   - Migration Plan
   - Programmed Save List

Go Up 1 Level
Acquisition Process Model
1.4.4 Contract Management

Note 1: CTRL-Click to access an Active Link to Mr. Kendall’s 21 Aug 2014 Memo on Actions to Improve DoD Competition. The guidelines he mentions in the memo are also available as an Active Link.

Note 2: The Conduct Contract Award Sole Source process is an AFLCMC Standard Process.
Acquisition Process Model
1.4.4.1 Conduct Pre Source Selection Activities

**Governing**

- Conduct Critical Decision Point 1b MiRT
- Request for Proposal
- Conduct Critical Decision Point 1 OSD Peer Review
- Release Request for Proposal

**Enabling**

- Source Selection Documentation
- Source Selection Team
- Source Selection Evaluation Criteria
- RFP
- Information Requests
- Source Selection File
- FWD

**Core**

- Develop Request for Proposal
- Draft RFP
- MiRT Critical Decision Point Information
- Acquisition Strategy

Note: An AFLCMC specific process exists to describe the RFP Process. This AFLCMC process is contained within the Air Force Process depicted here. CTRL-Click here to access an active link to this process.
Note: An AFLCMC specific process exists to describe the RFP Process. This AFLCMC process is contained within the Air Force Process depicted here. CTRL-Click here to access an active link to this process.
Develop Request For Proposal

Develop Contract Framework

Develop Evaluation Criteria (Section M)

Determine Evaluation Approach

Develop Offeror Instructions (Section L)

Identify Contract Type

Develop Draft RFP

Conduct Exchanges w Contractor

Revise the Draft RFP

Note: An AFLCMC specific process exists to describe the RFP Process. This AFLCMC process is contained within the Air Force Process depicted here. CTRL-Click here to access an active link to this process.
Acquisition Process Model

1.4.4.1.3 MIRT– Conduct Critical Decision Point (CDP) 1b (RFP Sections L and M)
Multi-Functional Independent Review Team (MIRT)

1. Evaluate CDP 1b Information
2. Provide Immediate Feedback to Source Selection/Procurement Team
3. Provide Assessment of CDP 1b
4. Disposition/Adjudicate Comments
5. Incorporate MIRT Assessment into Contract File
6. Provide Feedback to Source Selection Authority (SSA)

MIRT Critical Decision Point Information

MIRT Findings

Understanding of MIRT Findings

Dispositioned/Adjudicated Comments

Updated Contract File

Informed SSA

Provide Feedback to Source Selection Authority (SSA)

MIRT Findings

BACK  FWD
1.4.4.1.4 Stand Up Source Selection Teams
Acquisition Process Model
1.4.4.2 Conduct Source Selection Evaluation Process

- Conduct Critical Decision Point 2a MIRT
- Conduct Critical Decision Point 2c MIRT
- Conduct Initial Evaluation
- Conduct Contract Clearance
- Conduct Critical Decision Point 3 OSD Peer Review
- Conduct Competitive Range Briefing
- Approve FPR Request
- Conduct Discussions
- Address Model Final Evaluation
- Conduct Model Final Evaluation
- Maintain Source Selection Information
- Prepare to Receive Proposals

Note: An AFLCMC specific process exists to describe the Contract Award Process. This AFLCMC process is contained within the Air Force Process depicted here. Click here to access an active link to this process.
Acquisition Process Model
1.4.4.2.1 Conduct Initial Evaluation

Go Up 1 Level

- Evaluation Team Performance Assessment
- Evaluation Criteria
- Reviewed Proposals

Analyze Proposals Against Evaluation Factors from Solicitation

Initial Evaluation Results

Document Results to SSAC or SSA

SSA Briefing

Determine Necessity for Offeror Discussions

- Decision to Award w/o Discussions
- Non-Qualifiers
- Decision to Conduct Discussions

FWD
1.4.4.2.1.1 Analyze Proposals Against Evaluation Factors from Solicitation
Acquisition Process Model

1.4.4.2.2 – Conduct CDP 2a (Pre-Initial Evaluation/Pre-Competitive Range (Award w/o Discussions)/Pre-release of Interim Ratings) Multi-Functional Independent Review Team (MIRT)
Acquisition Process Model
1.4.4.2.5 Conduct Discussions

Go Up 1 Level

Conduct Critical Decision Point 2

Evaluate Response

Conduct Critical Decision Point 2 OSD Peer Review

Conduct Contract Clearance

Distribute Evaluation Notices (ENs)

Maintain Source Selection Information

Note: An AFLCMC specific process exists to describe the Contract Award Process. This AFLCMC process is depicted here. CTRL-Click here to access an active link to this process.
Acquisition Process Model
1.4.4.2.5.3 – Conduct Critical Decision Point (CDP) 2b (Pre-Final Proposal Decision Brief)
Multi-Functional Independent Review Team (MIRT)

- Evaluate MIRT Critical Decision Point Information
- Provide Immediate Feedback to Source Selection/Procurement Team
- Provide Assessment of CDP 2b
- MIRT Assessment
- Incorporate MIRT Assessment into Contract File
- Provide Feedback to Source Selection Authority (SSA)
- Updated Contract File
- Informed SSA
- MIRT Findings
- Understanding of MIRT Findings
- Dispositioned/Adjudicated Comments
- Dispositioned/Adjudicated Comments
- Updated Contract File
- Informed SSA
- MIRT Findings
- Understanding of MIRT Findings
- Dispositioned/Adjudicated Comments
- Dispositioned/Adjudicated Comments
- Updated Contract File
- Informed SSA
- MIRT Findings
- Understanding of MIRT Findings
- Dispositioned/Adjudicated Comments
- Dispositioned/Adjudicated Comments
- Updated Contract File
- Informed SSA
- MIRT Findings
- Understanding of MIRT Findings
- Dispositioned/Adjudicated Comments
- Dispositioned/Adjudicated Comments
- Updated Contract File
- Informed SSA

Go Up 1 Level
Conduct Final Evaluation

- Evaluate Final Revisions
- Summarize Recommendations for the SSA
- Conduct and Document Comparative Analysis
- Conduct Final Evaluation Briefing

Maintain Source Selection Information

Enabling
- Information Requests
- Source Selection Documentation
- RFP
- Evaluation Criteria

Core
- FPR Briefing
- Final Evaluation Briefing
- Proposal Analysis Report (PAR)
- Comparative Analysis

Governing
- Competitive Proposals
- Accepted Proposals
- SSET/SSAC Recommendation

Go Up 1 Level
Acquisition Process Model
1.4.4.2.7 – Conduct Critical Decision Point (CDP) 2c (Pre-Source Selection Decision Brief)
Multi-Functional Independent Review Team (MIRT)
Acquisition Process Model
1.4.4.3 Select Source

Notify Offerors of Award

Conduct Debriefs

Document Award Decision

Award the Contract

Maintain Source Selection Information

Source Selection Decision Document

RFP

Definitized Agreement

Accepted Proposals

Note: An AFLCMC specific process exists to describe the Contract Award Process. This AFLCMC process is contained within the Air Force Process depicted here.
Acquisition Process Model
1.4.4.3.4 – Conduct Critical Decision Point (CDP) 3a (Pre-Debrief)
Multi-Functional Independent Review Team (MIRT)

Evaluate CDP 3a Information

Provide Immediate Feedback to Source Selection/Procurement Team

Understanding of MIRT Findings

Provide Assessment of CDP 3a

MIRT Assessment

Disposition/Adjudicate Comments

Updated Contract File

Informed SSA

MIRT Findings

Dispositioned/Adjudicated Comments

Go Up 1 Level
1.4.4.3.5 Conduct Debriefs

- Prepare for Debrief
- Prepare the Debrief
- Conduct Debrief

Inputs:
- Debrief Request
- Assessment of Air Force Source Selection Position
- Source Selection File

Outputs:
- Responses to Vendor

Steps:
1. Prepare for Debrief
2. Prepare the Debrief
3. Conduct Debrief

Go Up 1 Level
1.4.4.4 Conduct Contract Award Sole Source

- Conduct Fact Finding and Evaluation
- Release Request for Proposal to Receipt of Proposal
- Conduct Business Clearance
- Conduct Contract Clearance
- Conduct Negotiations
- Award Contract
Acquisition Process Model
1.4.4.4.3 Conduct Business Clearance

1. Conduct Business Clearance

   - Prepare Pre-Preliminary Price Negotiation Memorandum
   - Coordinate Business Clearance Reviews
   - Conduct OSD Peer Review #1
   - Approve Business Clearance

   - Pre-PNMA
   - Reviewed Business Clearance Documents
   - Business Clearance Reviews
   - Contract File
   - Business Clearance Documents

   - Government Position

   - Prepare Business Clearance Documents

   - Government Position

   - Approved Business Clearance

   - PNM

   - Contract File

   - Contract File

   - Business Clearance Documents

   - Government Position

   - Government Position
Acquisition Process Model
1.4.4.4.4 Conduct Negotiations

Governing

Core

Enabling
Conduct Contract Clearance

Prepare Contract Clearance Documents and File for Final Review

Coordinate Contract Clearance Reviews

Conduct OSD Peer Review #2

Review and Approve Contract Clearance

Conduct EEO Pre-Award Clearance

Review Contractor Subcontracting Plan

Subcontracting Plan

Pre-Award Clearance

Certificate of Current Cost and Pricing Data

Negotiated Contract

Preliminary Price Negotiation

Prepare Price Negotiation Memorandum

Review and Approve Business Clearance

Pre-Award Clearance Request

Authority to Award Contract

Contract

Pre-Award Clearance
Acquisition Process Model
1.4.4.4.6 Award Contract

1.4.4.4.6 Award Contract

1279 Report To Congress → Obtain Congressional Approval → Congressional Approval

Contract → Provide Contract to Contractor for Signature → Contractor Signed Contract → Contract Award → Signed Contract

Governing

Core

Enabling

Go Up 1 Level
Acquisition Process Model
1.4.5 Test and Evaluation

Go Up 1 Level

---

Perform Test Planning

Conduct Developmental Testing (DT)

Conduct Operational Testing (OT)

Manage Test Data

---

Core

Governance

Enabled
Acquisition Process Model
1.4.5.1 Perform Test Planning

Go Up 1 Level

- Stand-Up Integrated Test Team (ITT)
- Determine the Lead Developmental Test and Evaluation Organization (LDTO)
- Develop the T&E Master Plan (TEMP)
- Develop the Integrated Test Concept (ITC)

- Conduct Early T&E Resource Planning
  - Plans for Target and Instrumented Munitions Expenditures
  - Foreign Materiel Resources
  - Government Test Facilities
  - Non-Government Test Facilities
  - Exercises
  - Experiments

- ADM
- Capability Document
- Acquisition Strategy
- Updated ITT Charter
- Formalized ITT
- Resourcing Responsibilities
- OTO
- TEMP
- LDTO Decision

Enabling
Core
Governing
Acquisition Process Model
1.4.5.1.1 Stand-Up Integrated Test Team (ITT)
Acquisition Process Model

1.4.5.1.2 Determine the Lead Developmental Test and Evaluation Organization (LDTO)

**Identify the Chief Developmental Tester**
- Identify the Chief Developmental Testers
- Updated ITT Charter
- Candidates for Chief Developmental Testers
- Identified Chief Developmental Tester

**Select and Coordinate Candidate Organization as LDTO**
- Candidate LDTO Organizations
- No-LDTO Option

**Identify Appropriate LDTO Organizations**
- Formalized ITT
- Updated ITT Charter

**Coordinate LDTO Decision**
- LDTO Decision
- LDTO Nomination
- LDTO Designation Memo
- Approve LDTO Recommendation

**Note:** The first 3 process incorporate a AFLCMC Standard Process (LDTO).
Identify Appropriate LDTO Organizations

Note: The above process is part of an AFLCMC Standard Process (LDTO).
Note: The above process is part of an AFLCMC Standard Process (LDTO).
1.4.5.1.3 Determine the Operational Test Organization (OTO)

- Evaluate Program Criteria
  - ACAT I, IA, II, all OSD OT&E Oversight, or MOT&E and No Previous I/Q/MOT&E
  - ACAT I, IA, II, all OSD OT&E Oversight, or MOT&E and Previous I/Q/MOT&E
  - ACAT III Non-Oversight or Non-ACAT Acquisition Programs

- Assign to AFOTEC
  - OTO

- Accept Assignment
  - OTO

- Determine Assignment of Testing Organization
  - Assignment Negotiations

- Conduct Operational Test Coordination Meeting
  - Projected Test Schedule
  - Resourcing Plan
  - Resourcing Responsibilities

- Go Up 1 Level

Formalized ITT
Updated ITT Charter

Enabling
Core
Governing
Acquisition Process Model
1.4.5.1.5 Develop the TEMP

Go Up 1 Level

Governing

Core

Enabling

- Prepare Draft TEMP
- Conduct Pre-coordination on TEMP
- Coordinate TEMP

- LDTO Decision
- OTO Formalized ITT
- Updated ITT Charter
- Resourcing Responsibilities
- CDD
- AoA
- CONOPS
- STAR

Deliver TEMP

TEMP

Coordinated TEMP
Acquisition Process Model
1.4.5.2 Conduct Developmental Testing

**Governing**

- Develop Detailed Test Plans
  - Test Plans
  - Capability Document
  - System Requirements Document
  - RFP
  - Developmental Test Article
- Review Formal Contractual Documents
  - Approved Plans for "Covered" Systems
  - Approved Plans for COTS NDI GFE
- Conduct Early Operational Assessment
  - Developmental Test Article
  - EOA Data

**Core**

- Perform Live Fire T&E (LFT&E)
  - DT Results
- Perform Production Related Testing (PRT)
  - DT Results
  - DT Results
- Perform Qualification T&E (QT&E)
  - DT Results

**Enabling**

- Note: Testing of Urgent Needs is included in the 1.3.3.2.3 process.

**PEO View**

- Provide DASD (DT&E) Program Assessment
  - DT Results
- Create Reports
  - DT Results
  - Test Plans
  - Managed Test Data
  - Deficiency Reports
- Conduct Reliability Growth Planning
  - DT Results
  - Test Plans
  - Managed Test Data
  - Reliability Growth Curve Data

**Temp**

Go Up 1 Level
Acquisition Process Model
1.4.5.3 Conduct Operational Testing

Note: Multi-Service Operational Test & Evaluation can be the FOT&E process provided above when conducted by two or more Services.
1.4.5.3.1 Conduct Operational Test Readiness Review (OTRR)

**Note:** Conduct Operational Test & Evaluation Readiness Certification is an AFLCMC Standard Process which is similar to the first three processes in the Core lane.
Acquisition Process Model
1.4.5.3.1.1 Execute Test Certification Process

Go Up 1 Level

Conduct Pre-Certification Reviews (Readiness to Test Reviews (RTT))

Assess Program Shortfalls

Identified Shortfalls

Negotiate Identified Risks

identified Risks

Decision When to Proceed into Operational Test

Develop Final Certification Briefing

Operational Test Article

Final Certification Briefing

Test Plans

DT Results

FWD

System Performance Data

System Performance Goals

Applicable Templates

Identified Risks

TEMP

System Performance

System Performance Data

System Performance Goals

Applicable Templates

Identified Shortfalls

Go Up 1 Level

Enabling

Core

Governing
Acquisition Process Model
1.4.5.3.1.2 Review System for Operational Test Readiness

Coordinate OTRR Briefing Package

Brief OTRR Package

Determine Readiness for Operational Test

Update Templates

Feedback

Revised Templates

Meeting Summarization

Final Certification Briefing

Operational Test Article

DT Results

Test Plans

OTRR Briefing Package

Formal Presentation of OT Readiness Status
Acquisition Process Model
1.4.5.3.1.3 Develop/Issue Certification Memo

- Create Certification Memo
  - Meeting Summarization
  - Draft Certification Memo
- Coordinate Certification Memo
  - Proposed Certification Memo
- Release Certification Memo
  - Certification Memo
Acquisition Process Model

1.4.5.3.1.5 Conduct Operational Test & Evaluation Readiness Certification

- Conduct Kick-Off Meeting
- Initiate ITT with OT&E Readiness Preparation by CDT or TM
- Access Assessment Tools
- Conduct Integrated Assessments IAW AFMAN 63-119 Operational Test Readiness Templates
- Conduct Pre-Brief and Review with Local CTA
- Review Readiness Assessment Results
- Draft, Develop, or Update OT&E Readiness Certification Briefing or Staff Package
- Conduct Pre-Brief and Review with Local CTA
- Involve SAT or Other SME Functions to Final Briefing as Required
- Coordinate T&E OSF on Staff Package as Required
- Present OT&E Readiness Certification Briefing and Staff Package to the PEO/MDA
- Conclude Certification Briefing Attended by Local CTA, CSF, or SSF
- Review of Current Status Coordination & Signature
- Advisory Signed Approval Memorandum

Note: Incorporated references to the AFLCMC Standard Process (OT&E Readiness Certification).

Incorporated references to the AFLCMC Standard Process (OT&E Readiness Certification).
Note: Multi-Service Operational Test & Evaluation can be the IOT&E, QOT&E, or FDE process provided above when conducted by two or more Services.
Note: The enabling processes interact with all of the Core processes.
Note 1 from the Chief Process Officer: The Under Secretary of Defense for AT&L has provided four key enduring acquisition principles. The first of these principles is “Think”. Program managers should tailor the program according to the specific needs of that program. The rote checking the blocks in a checklist or simply following each and every step of a process is the antithesis of Mr Kendall’s challenge to Program Managers. Use this Model as a model. If your program’s situation warrants a waiver from the checklist or process, seek that waiver from your milestone decision authority. CTRL-Click here to access an active link to Mr. Kendall’s thoughts.

Note 2: Issue Management applies resources to address and resolve current problems, while risk management applies resources to mitigate future potential root causes and their consequences.

Note 3: Program Integration provides the AF with consistent insightful and synchronized recommendations, improved data reporting and analysis, and maximized utilization of resources. The objective is to strengthen decision-making across AF Acquisition leadership.

Note 4: The purpose of program tailoring is to streamline the acquisition program to the maximum extent possible, consistent with risk, to provide new systems to operational commanders as fast as possible. DoDI 5000.02, Section 5.a.2; AFPAM 63-128, Section 14.1
Acquisition Process Model
1.5.1 Conduct Issue Management

Governing

Manage Business Activities
Manage Technical Activities
Manage Resources

Conduct Issue Resolution

Core

ADM
Capability Document
Program Budget
Definitized Agreement
Programmatic Data
Program Metrics

Cost / Schedule / Performance Updates
Resource Needs
Program Status

Enabling

Issue Identified
Program Metrics
Programmatic Data

Initiative Results
Issue Resolution & Recommendations
Training
Acquisition Process Model
1.5.1.1 Manage Business Activities
Acquisition Process Model
1.5.1.1.3 Manage Schedule

Note: The process above is an AFLCMC Standard Process (Develop Program Schedule).
Acquisition Process Model
1.5.1.1.3.1 Develop Schedule Plan

Note: The process above is part of an AFLCMC Standard Process (Develop Program Schedule).
Acquisition Process Model
1.5.1.1.3.2 Build Program Schedule

Note: The process above is part of an AFLCMC Standard Process (Develop Program Schedule).
Acquisition Process Model
1.5.1.1.3.3 Manage Program Schedule

Note: The process above is part of an AFLCMC Standard Process (Develop Program Schedule).
Acquisition Process Model

1.5.1.1.6 Perform Contract Management

Go Up 1 Level
Acquisition Process Model
1.5.1.1.6.2 Process Invoices

- **Review Invoice**
  - Invoice
  - Invoice Issues
  - Invoice Issue(s) with Invoice Source
  - Invoice Issue Resolved
  - Acceptable Invoice

- **Process Invoice for Payment**
  - Processed Invoice
Acquisition Process Model
1.5.1.1.6.3 Process Vendor / Contractor Requests

Go Up 1 Level

Conduct Analysis on Request

If Contract Issue / Require Additional Information

Obtain Guidance from Client / COTR

Approved Request

COTR Guidance

Analyzed Request

Request

Approved Request

Approve and Execute Request
Perform Daily Contract Oversight

1. Contact Vendor / Contractor for Issue Resolution
2. Formulate Resolution for Issue
3. Implement Issue Resolution

- Go Up 1 Level

- Contact Client / COTR for Additional Guidance
- Vendor / Contractor Report
- Issue Resolution Plan

Issue Resolution.
Conduct Performance Analysis

1. Gather Data
2. Validate Quality of Earned Value Data
3. Evaluate Performance Data
4. Assess/Analyze Data
5. Develop Recommendation

- AQX Assessment Request
- Earned Value Data
- Integrated Program Management Report (IPMR)
- Earned Value Data
- AQX Assessment
- AQX Assessment

Action Items
Acquisition Process Model
1.5.1.1.9 Analyze Program C/S/P/F

Go Up 1 Level
Acquisition Process Model
1.5.1.1.10 Ensure Policy Compliance

Go Up 1 Level

Governing

Update J-Books

Process MAR Roll-Up Request (Child to MAR Compliance)

Concur/ Non-Concur

Program Office Request

Updated J-Books

Monitor APB Compliance

APB/MAR Non-Compliance Issues

MAR Programmatic Data

IDECS Data

Improved Report

Updated J-Books

Program Office Request

Concur/ Non-Concur

Program Data from SMART

CCaRS Data

APB/MAR Non-Compliance Issues

Resolved Non-Compliance Issues

Verify MAR Compliance

Verify MAR Compliance

Enabling

Back FWD
Acquisition Process Model
1.5.1.1.11 Conduct Schedule Risk Assessment (SRA)
Acquisition Process Model
1.5.1.1.12 Manage Product Support Strategy
Acquisition Process Model
1.5.1.2 Manage Technical Activities

Go Up 1 Level
1.5.1.2.2 Conduct Systems Engineering Technical Management Processes

- Conduct Technical Planning
- Conduct Decision Analysis
- Conduct Technical Assessment
- Conduct Requirements Management
- Conduct Technical Risk Management
- Conduct Configuration Management
- Conduct Technical Data Management Activities
- Conduct Interface Management

Capability Document → Program Status
Programmatic Data → Program Revisions
Acquisition Process Model
1.5.1.2.2.1 Conduct Technical Planning

- Define the Scope
- Identify Constraints and Risks
- Establish Roles and Responsibilities
- Breakdown Program Scope
- Prepare for Technical Reviews and Audits
- Establish Schedules and Costs
- Prepare/Update Planning Documentation
- Scale Systems Engineering Processes
- Identify Areas for Tailoring
- Program Status
- Work Breakdown Structure Inputs
- IMP/IMS Inputs
- Program Revisions
Conduct Decision Analysis

1. Review Requirements
2. Frame the Decision
3. Identify Methods and Tools
4. Develop Decision Criteria
5. Manage Assumptions
6. Identify Alternatives
7. Analyze and Assess Alternatives
8. Synthesize Results
9. Analyze Sensitivities
10. Develop Decision Briefing
11. Make Recommendations
Acquisition Process Model
1.5.1.2.2.3 Conduct Technical Assessment

1. Establish Technical Planning
2. Identify Measures and Metrics
3. Conduct Analyses
4. Conduct Technical Assessments
5. Propose Changes to Technical Approach
6. Provide Technical Readiness Advice
7. Obtain Subject Matter Experts

Go Up 1 Level
Acquisition Process Model
1.5.1.2.2.4 Conduct Requirements Management

- Track Changes
- Provide Traceability
- Communicate Requirements Changes

Programmatic Data
Capability Document

Program Status
Requirements Traceability Matrix
Program Revisions
Note: The Technical Risk Management process above is modeled on the overall Risk Management process included at 1.5.3 (hyperlinked from this note).
Acquisition Process Model
1.5.1.2.2.6 Conduct Configuration Management

Plan Configuration Management
Conduct Configuration Identification
Conduct Configuration Change Management
Conduct Configuration Status Accounting
Conduct Configuration Verification and Audit

Program Status
System Functional Baseline
System Allocated Baseline
System Product Baseline
Configuration Management Plan
Program Revisions
Capable Document
Established System Functional Baseline
Programmatic Data

Governing
Core
Enabling
Conduct Configuration Change Management

1.5.1.2.2.6.3

1. Validate and Classify Change Request
2. Prepare and Formally Submit CA Package
3. Review/Comment on CA; Provide Recommendations
4. Present Changes to the Board
5. Monitor Implementation

Note: This is an AFLCMC Standard Process.
NOTE: It is important to address product data and software data early in a system’s life cycle in order to acquire that data cost-effectively and to enable a lifetime of competitive sustainment and compliance with public law. AFPAM 63-128, Section 11.1
Acquisition Process Model

1.5.1.2, 2.7.9 Conduct AFLCMC Engineering Data Management

Governing

Enabling

Core

- Develop Intellectual Property Strategy
  - Identify Data Stakeholders
  - Identify Required Engineering Data

- Notify Stakeholders of Requirements and Schedule for Data Call
  - Prepare and Review Documents to Support Data Call
  - Develop CDRLS

- Perform Contract Award Process
  - Prepare RFP
  - Prepare and Conduct Guidance Conference

- Conduct Functional Configuration Audit/Physical Configuration Audit

Finalize TDP

Signed Acceptance of Delivered Data

Note: This is an AFLCMC Standard Process.
Acquisition Process Model
1.5.1.2.2.7.10 Address Sharing of Data, Information, and IT Services

**Governed**

- Make Data, Information, and IT Services Visible
- Make Data, Information, and IT Services Accessible
- Make Data, Information, and IT Services Understandable
- Make Data and Information Trustable and IT Services Secure

**Core**

- Technical Data
- Identified Authoritative Data Sources
- Shared Data/Information

**Enabling**

- Make Data, Information, and IT Services Interoperable
- Implement Data and Information Sharing Procedures
- Implement IT Services Procedures

**Go Up 1 Level**
Acquisition Process Model
1.5.1.2.2.8 Conduct Interface Management

- Conduct Interface Management
- Monitor Interfaces
- Define Interface Specifications
- Document System Interface Requirements
- Maintain Interface Management Plan
- Assess Interface Compliance
- Programmatic Data
- Capability Document
- Program Revisions
- Interface Management Plan
- Program Status
Acquisition Process Model
1.5.1.2.3 Conduct Systems Engineering Technical Processes

- Conduct Stakeholder Requirements Definition
- Conduct Requirements Analysis
- Conduct Architecture Design
- Conduct Implementation
- Conduct Integration
- Conduct Verification
- Conduct Validation
- Conduct Transition

Program Status
Program Revisions
Capability Document
Programmatic Data

Go Up 1 Level
Acquisition Process Model
1.5.1.2.3.1 Conduct Stakeholder Requirements Definition

- Elicit Stakeholder Capability Objectives
- Define Stakeholder Requirements
- Analyze and Maintain Stakeholder Requirements

Go Up 1 Level

Capability Document
Programmatic Data

Program Status
Interface Management Plan
Program Revisions

FWD
Conduct Requirements Analysis

- Analyze User Requirements
- Translate User Needs
- Develop Performance Requirements
- Define System Functions
- Define Implementation Constraints
- Translate Performance Requirements

Program Status
Program Revisions
Capability Document
Programmatic Data

Go Up 1 Level
Acquisition Process Model
1.5.1.2.3.3 Conduct Architecture Design

Core

- Analyze Physical Architecture
- Analyze Constraint Requirements
- Identify Physical Interfaces
- Identify Critical Attributes

Enabling

- Capability Document
- Programmatic Data

Governing

- Program Status
- System Allocated Baseline
- Program Revisions

Go Up 1 Level
Acquisition Process Model
1.5.1.2.3.4 Conduct Implementation

- Identify Design Constraints
- Develop Prototypes
- Analyze Element Solutions
- Identify Fabrication and Quality Procedures
- Obtain Access to Materials and Tools
- Obtain External System Elements
- Build System Elements
- Determine System Elements Functionality
- Document Fabrication and Production Issues
- Deliver System Elements

Go Up 1 Level

Governing

Enabling
Acquisition Process Model
1.5.1.2.3.5 Conduct Integration

- Capability Document: Develop Integration Plan
- Programmatic Data: Assemble System Elements
- Program Status: Integration Plan
- Program Revisions: Integration Plan
Acquisition Process Model
1.5.1.2.3.6 Conduct Verification

- Capability Document
- Programmatic Data
- Program Status
- Program Revisions
- Verified Production Representative Article
Acquisition Process Model
1.5.1.2.3.7 Conduct Validation

- Capability Document
  - Conduct Early Validation
  - Conduct Final Validation
  - Program Status
  - Validated System
  - Program Revisions
Acquisition Process Model
1.5.1.2.6 Conduct Other Technical Processes

Note: The 29 Design Considerations listed in Chapter 5 of AFI 63-101/20-101 are as follow: Recorded Aircraft Information; Mission Assurance for Space Programs; Product and System Integrity; Air Force Metrology and Calibration; Accessibility; Affordability-SE Tradeoff Analysis; Anti-Counterfeiting; Commercial-Off-the-Shelf; Corrosion Prevention and Control; Critical Safety Items; Diminishing Manufacturing Sources & Material Shortages; Disposal and Demilitarization; Environment, Safety, and Occupational Health; Human Factors Engineering; Insensitive Munitions; Intelligence; Item Unique Identification; Interoperability & Dependency; Open Systems; Operational Energy; Packaging, Handling, Storage and Transportation; Producibility, Quality & Manufacturing Readiness; Program Protection Planning; Reliability and Maintainability Engineering; Software Engineering; Spectrum Management; Standardization; Supportability; and System Survivability & Susceptibility;
Acquisition Process Model
1.5.1.2.6.1 Manage Industrial Base Constraints
**Acquisition Process Model**

1.5.1.2.6.2 Manage Program Protection Plan (PPP)

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**Core**

- Identify Stakeholders and Conduct Initial Analysis
- Identify Critical Program Information (CPI)
- Identify CPI and Critical Component Vulnerabilities
- Manage Anti-Tamper Protection for CPI
- Identify Threats to CPI and Critical Components
- Identify Risks to CPI and Critical Components
- Develop Cybersecurity Strategy
- Build and Coordinate PPP
- Revise PPP

**Enabling**

- Programmatic Data
- Initial Analysis
- CPI and Critical Components List

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**Governance**

- Program Managers should review the procedures included in DoDI 8500.1 as part of Cybersecurity considerations. CTRL-Click here to access an active link to the document.
- Note 2: As stated in Section 4.21.6.3 of AFI 63-101/05-101, the PM shall coordinate with the AFMC or AFSPC TSN focal point regarding TSN threat identification, best practices, processes, techniques and procurement tools. For more information see DoDI 5200.44 and AFPAM 63-113. CTRL-Click here to access an active link to these documents.
Acquisition Process Model
1.5.1.2.6.2.2 Identify Critical Program Information (CPI)
Acquisition Process Model
1.5.1.2.6.2.7 Manage Trusted Systems and Network Plans

Coordinate MAJCOM Request

Develop Requirements
- Coordinate TSN Resources
- Monitor the Identification of Mission Critical Functions

Risk Mitigation
MAJCOM Request for Threat Analysis

Trusted Systems and Network Plans
Note: Program Managers are required to leverage Cloud Computing and to provide Accessibility of Electronic and IT consistent with Enclosure 11, Sections 9 & 14 of DoDI 5000.02
Note: The above process is executed for each of the four stages of certification: Conceptual (initial system planning has been completed), Experimental (preliminary system design has been completed), Developmental (major system design has been completed), and Operational (system development is complete). Source: AFI 33-580, Section 4.5.1.
Acquisition Process Model
1.5.1.2.6.5 Address Intelligence Life Cycle Mission Data Plan

Note: The first two processes are further defined by AFLCMC Standard Processes.
Acquisition Process Model
1.5.1.2.6.5.1 Conduct Intelligence Sensitivity Survey (ISS)

Go Up 1 Level

AFLCMC Standard Processes

Note: This is an AFLCMC Standard Process.
Conduct Intelligence Supportability Analysis (ISA)

1. Conduct Intelligence Supportability Analysis (ISA)
   - Review Intelligence Sensitivity Survey (ISS) and Intelligence Sensitivity Tier Matrix
   - Plan ISA
     - Review ISS and Intelligence Sensitivity Tier Matrix
     - Conduct Requirements Analysis of Efforts Intel Data Requirements
     - Develop Action Plan for Deficiency Resolution
       - Intel Data Needs
       - Action Plan
       - Implementation Documentation
     - Estimate Costs Associated with Identified DIRs
     - Advocate to IC/Acq/OPS Community to Solve DIRs
       - Resolution Plan Approval
       - Shortfall Status
     - Integrate Intel Requirements, Identify Deficiencies, and Mitigate Risk
       - Intel Updates
       - Advocate to IC/Acq/OPS/Community to Solve DIRs
       - Intel Requirements, Identify Deficiencies, and Mitigate Risk
     - Combine All ISA Data into “ISA Packet”
       - Intelligence Mission Data
       - ISA Packet
     - Continuous Monitor Threat Environment and Program Activity
       - Intel Updates
       - Back

Note: This is an AFLCMC Standard Process (also includes references to AFPAM 14-111).
Acquisition Process Model
1.5.1.2.6.6 Address Standardization
Address Defense Standardization

Programmatic Data

Objectives of the Defense Standardization Plan

Objectives Completed

Provide Document Management Activities

Programmatic Data

Standardization Documents

Provide Lead Standardization Activities

Programmatic Data

Standardization Efforts

Provide Departmental Standardization Activities

Programmatic Data

Resolved Standardization Issues

Provide Item Reduction Activities

Programmatic Data

Item Reduction Studies

Core

Governed

Enabling
Incorporate IT Standards

Standard Compliance Documentation

Request Waiver of IT Standard

Submit Request for Waiver to DoD CIO

Approved Waiver

Request for DoD CIO Waiver

Programmatic Data

Acquisition Process Model
1.5.1.2.6.6.2 Address IT Standard Compliance
Acquisition Process Model
1.5.1.2.6.7 Manage Waveform Review

Note: The Waveform Assessment Application is updated prior to each stage. For the Conceptual Stage, it should be submitted NLT 45 days before MSA. For the Prototype Stage, it should be submitted NLT 45 days before MSB. For the Operational Stage, it should be submitted NLT 45 days before FRP/FDD.
Acquisition Process Model
1.5.1.2.7 Conduct Systems Engineering System of Systems Processes

- Translate SoS Capability Objectives into Requirements
- Understand Constituent Systems and their Relationships
- Assess SoS Performance Against Capability Objectives
- Develop and Maintain SoS Architecture
- Assess Impact of Change on SoS Performance
- Address SoS Requirements and Solution Options
- Orchestrate Upgrades to SoS

Program Status
Program Revisions
Acquisition Process Model
1.5.1.3 Manage Resources
Acquisition Process Model
1.5.1.3.4 Conduct Materiel Fielding

- Prepare & Coordinate Materiel Fielding Plan
- Update Materiel Fielding Plan
- Provide Materiel Fielding Input to Decision Review

1. Changes in User Requirements or Acceptance Criteria
2. Recommended Materiel Fielding Actions
3. Approved Changes to Materiel Fielding Plan

- Capability Document
- ADM
Acquisition Process Model
1.5.1.4 Conduct Issue Resolution

Note: The top three processes are from the AFLCMC standard processes for Risk and Issue Management. CTRL-Click to view AFLCMC Process.
1.5.2 Manage Communication and Reports

- Conduct Standard Reporting
  - Cost / Schedule / Performance Updates
  - Program Status
  - Programmatic Data
  - Program Reporting
  - Program Metrics

- Conduct Non-Standard Reporting
  - Request for Information
  - Program Reporting
Acquisition Process Model
1.5.2.1 Conduct Standard Reporting

**Governing**

- Request Reclassification of Acquisition Program Categorization
- Program Status
- Monthly Report of Acquisition Programs
- Program Reclassification

**Core**

- Provide Periodic Reporting of AML Programs
- Program Status
- Monthly Report of Acquisition Programs
- Cost / Schedule / Performance Updates
- Program Status
- Performance Measurement Baseline
- Program Status
- Contractor EVM Data
- Integrated Program Management Report (IPMR)

- Perform Earned Value Management
- Program Status
- EVM Update
- Program Status
- Programmatic Data

- Create Selected Acquisition Report
- Program Status
- SAR
- Program Status
- Programmatic Data

- Develop Milestone Inputs
- Program Status
- Milestone Inputs
- Program Status
- Programmatic Data

- Develop Cost Reports
- Program Status
- Programmatic Data
- Program Status
- Programmatic Data
- IT Controls
- Program Metric

- Conduct CFO Compliance
- Program Status

**Enabling**

**Note 1:** The MDA is strongly encouraged to tailor the reporting requirements consistent with Enclosure 1, Table 2 of the DoDI 5000.02

**Note 2:** The purpose of program tailoring is to streamline the acquisition program to the maximum extent possible, consistent with risk, to provide new systems to operational commanders as fast as possible. DoDI 5000.02, Section 5.a.2; AFPAM 63-128, Section 14.1
Acquisition Process Model

1.5.2.1.1 Request Reclassification of Acquisition Program Categorization

Governing

Enabling

Core

Reclassify Program

Submit Request to Lower Categorization

Program Status

Program Status

Program Reclassification Request

Program Reclassification Request

Notify Leadership to Raise Categorization

Program Reclassification Request

Program Reclassification Request

Submit Request to Raise Categorization

Program Reclassification Request

Program Reclassification Request

Identify/Define Reporting Requirements for Acq IT Tools

Change Request

Internal Analysis Need

External Analysis Need
Acquisition Process Model

1.5.2.1.2 Provide Periodic Reporting of AML Programs
Acquisition Process Model
1.5.2.1.2.1 Review - Maintain AML
Acquisition Process Model
1.5.2.1.3.3 Manage OSD Reports

Go Up 1 Level
Acquisition Process Model
1.5.2.1.3.3.2 Manage MAIS Reporting

- Review MAIS Annual Report
  - Provides Feedback to Program Offices (Annual)
    - Adjust Data (Annual)
    - Release Final MARS to OSD
  - Critical Change
- OSD Key Submission Dates (Notification)
- C/S/P Data
- Program List

- Review with OSD (Annual)
  - OSD Recommendations
  - Updated MAIS Report
  - Approve MAIS Report
- Sign MAR Transmittal Letters
  - MAIS Report Recommendations
- Submit Report to Congress (Annual)
  - MAIS Annual Report

- Provides Feedback to Program Offices (Annual)
  - Critical Change
  - Updated MAIS Report

- Adjust Data (Annual)
  - Updated MAIS Data

- Review MAIS Annual Report
  - Review with OSD (Annual)
  - OSD Key Submission Dates (Notification)
  - C/S/P Data
  - Program List

- MAIS Report Recommendations
  - MAIS Annual Report

- Approval MAIS Report

- OSD Recommendations

- Critical Change

- Updated MAIS Report

- MAIS Report Recommendations

- MAIS Annual Report
Acquisition Process Model
1.5.2.1.3.3.3 Manage Defense Acquisition Executive Summary (DAES) Report

Go Up 1 Level
Acquisition Process Model
1.5.2.1.4 Perform Earned Value Management (EVM)

**Core**
- Conduct Integrated Baseline Reviews (PM)
- Analyze Contractor EVM Data
- Update Performance Measurement Baseline (PMB)
- Update EVMA

**Enabling**
- Administer DAES Process
- Conduct EVM Activities

**Governing**
- Cost / Schedule / Performance Updates
- Program Status
- Performance Measurement Baseline
- Contractor EVM Data
- Integrated Program Management Report (IPMR)
- Corrective Action Request
Acquisition Process Model
1.5.2.1.4.5 Administer DAES Process

Go Up 1 Level
Acquisition Process Model
1.5.2.1.4.6.1 Provide Program EVM Reporting & Analysis

Go Up 1 Level
Go Up 1 Level

Acquisition Process Model
1.5.2.1.4.6.2 Provide EVM Guidance/Recommendations

Core

Produce Consolidated EVM Red List

Conduct Monthly EVM Trend Analysis

Provide EVM Assessment

Produce Charts/Graphs

Report to SAF/AQXE

Develop Guidance to Affected Programs

EVM Guidance

EVM Red Status Charts/Graphs

EVM Red Status Report

Go Up Level

Enabling

MAR Data

PoPS Data

EVM Red Status List

EVM Trend Analysis

EVM Assessment

EVM Red Status Charts/Graphs

BACK

FWD
Conduct IPT Meeting

Clarify/Assess/Define Improvement/Problem as EVM Issue

Determine IPT as AF, DoD, or Industry Specific

Suggested Improvement
Suggested Problem

EVM Issues

AF IPT
DoD EVM Issue
Industry EVM Issue
Acquisition Process Model
1.5.2.1.4.6.3.3 Participate in AF IPT

Go Up 1 Level

Governing

Provide Taskers to Subteam(s) 

Develop Solutions/Recommendations 

Implement Solutions/Recommendations 

Provide Status Update to Leadership 

Update Implementation Plan 

Implementation Plan 

Implementation Plan Revisions 

EVM Recommendations 

DoD IPT 

Taskers 

List for Sr. Leaders/Field 

Results 

Core

Enabling
Acquisition Process Model
1.5.2.1.4.6.3.4 Provide AF Position and Concerns to DoD - Industry
Acquisition Process Model
1.5.2.1.4.6.4 Conduct EVM Training

Go Up 1 Level
Note 1: The MDA is strongly encouraged to tailor the reporting requirements consistent with Enclosure 1, Table 2 of the DoDI 5000.02

Note 2: The purpose of program tailoring is to streamline the acquisition program to the maximum extent possible, consistent with risk, to provide new systems to operational commanders as fast as possible. DoDI 5000.02, Section 5.a.2; AFPAM 63-128, Section 14.1
Acquisition Process Model
1.5.2.1.5.1 Develop Cost Related Milestone Inputs

**Governing**

- Prepare CARD
- Manage Will Cost Estimate
- Manage Should Cost Estimate
- Prepare Service Cost Position
- Prepare Affordability Analysis

**Core**

- Program Status
- CARD
- CARD
- Programmatic Data
- Service Cost Position
- Funding Approval
- Should Cost Estimate
- Will Cost Estimate
- Service Cost Position
- Affordability Analysis

**Enabling**

- Go Up 1 Level

- Approved Service Cost Position
- FWD
Acquisition Process Model
1.5.2.1.5.1.2 Manage Will Cost Estimate

**NOTE: This annual update reporting requirement may be waived (given appropriate justification) by the reviewing organization.**
Acquisition Process Model
1.5.2.1.5.1.2.1 Develop Annual Program Office Estimate

Note: This is an AFLCMC Standard Process.
Acquisition Process Model
1.5.2.1.5.1.2.1.1 Conduct Estimate Planning

Overview:
- Conduct Estimate Planning
- Review Requirements Definition
- Develop Estimate Plan

Steps:
1. Assign Lead Analyst and CIPT
2. Request for Resources
3. CARD
4. Programmatic Data
5. Documented Requirements Definition
6. Identification of Inadequate Requirements Definition
7. Rework Requirements Definition
8. Approved Documented Requirements Definition
9. Finalized Cost Estimate Plan

Note: This is an AFLCMC Standard Process.
Acquisition Process Model
1.5.2.1.5.1.2.1.2 Conduct Research, Collection, and Analysis

Collect Relevant Data

Normalize and Analyze Cost Data

Research Data Availability

Note: This is an AFLCMC Standard Process.
Acquisition Process Model
1.5.2.1.5.1.2.1.3 Formulate Estimate

**Governing**

- Approved Documented Requirements Definition
- Finalized Estimating Methodologies and Tools

**Core**

- Normalized and Documented Data
- Approved Documented Requirements Definition
- Cost Estimating Relationships

**Develop Cost Estimate**

- Draft Program Office Estimate
- Available and Relevant Data

**Develop Crosschecks**

- Draft Program Office Estimate with Crosschecks

**Finalize Estimating Methodologies**

**Note:** This is an AFLCMC Standard Process.
Conduct Formal Review/Presentation and Documentation

Complete Draft Briefing and Documentation

Conduct Program Office Review

Conduct Independent Assessment of Estimate and Documentation

Conduct Annual Program Office Cost Estimate and Documentation Review by Center Cost Chief or Delegate

Note: This is an AFLCMC Standard Process.
Note: This is an AFLCMC Standard Process.
NOTE: DCAPE is required by statute to state the confidence level used in establishing the ICE, the rationale for selecting the confidence level, and ensure that the confidence level provides a high degree of confidence that the program can be completed without the need for significant adjustment to program budgets.
Acquisition Process Model
1.5.2.1.5.1.5 Prepare Affordability Analysis

Assess Projected Annual Funding

Affordability Analysis - Projected Annual Assessment
Justification for Unusual funding growth

Assess Unit Cost Affordability

Affordability Analysis - Unit Cost Comparison

Conduct Trade-off Analysis

Trade-off Analysis
Acquisition Process Model
1.5.2.1.5.1.5.1 Assess Projected Annual Funding

- Portray Program Funding in the FYDP and Beyond
- Mission Area Funding by Program Report
- Portray Annual Funding by Mission Area
- Mission Area Funding Comparison
- Portray Annual Funding as a Percent of DoD Component Total
- Mission Area % Funding Comparison
- Portray Composite Funding as a Percent of DoD Component Total
- Mission Area Composite % Funding Comparison
- Justification for Unusual funding growth
Acquisition Process Model
1.5.2.1.5.1.6 Manage Should Cost Estimate

**GOVERNING**
- Review ACAT I, II, III Should Cost Estimate or Waiver Request
  - Should Cost Estimate

**CORE**
- Develop Should Cost Estimate or Waiver Request
  - Will Cost Estimate
  - Previous Should Cost Estimates
- External Input (FPRA Adjustments, Contractor O/H SC, DFARS SC Review, etc.)
- Receive Approved Should Cost Estimate
  - Approved Should Cost Estimate
- Monitor Should Cost Estimate
  - Should Cost Report
- Develop Annual Update**
  - Approved Annual Should Cost Waiver Request
- Conduct Annual ACAT I, II, III Reviews
  - Approved Annual Should-Cost Estimates
  - Annual Should Cost Estimate Update

**NOTE 1:** The acting SAF/AQ issued a memorandum with attached guidance for managing Should-Cost estimates. Please CTRL-Click to access the memorandum and associated guidance.

**NOTE 2:** This annual update reporting requirement may be waived (given appropriate justification) by the reviewing organization.
Acquisition Process Model
1.5.2.1.5.1.6.1 Develop Should Cost Estimate or Waiver Request

**Enabling**
- Form Team to Develop the Should Cost Estimate
  - Previous Should Cost Estimates

**Core**
- Understand Will Cost Estimate
  - External Input (FPRA Adjustments, Contractor O/H SC, DFARS SC Review, etc.)
- Determine Will Cost Estimate Analysis
  - Resources for Should Cost Estimate
- Determine Availability of Resources
  - Program Characteristics
- Determine Program Characteristics
  - Previous Should Cost Estimates
- Tailor Estimating Method
  - Estimating Method
- Document Method, Assumptions, & Ground Rules
  - Should Cost Estimate
  - Should Cost Background

**Governance**
- Go Up 1 Level

**NOTE:** This Should Cost Estimate Team serves as a performer in all core processes.
Acquisition Process Model
1.5.2.1.5.1.6.6 Monitor Should Cost Estimate
Acquisition Process Model
1.5.2.1.5.1.6.6.2 Manage the Program and Monitor Initiatives

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**Governed**

**Governing**

Evaluate Should Cost Applicability → Initiate Assessment → Follow Methodology

Develop Should Cost Initiative Plan

Execute Should Cost Initiative Plan

Report Should Cost Initiative in CCaRS

Submit Reinvestment Strategy

**Core**

Should Cost Implementation Plan and Initiatives

Task List

Specific Targets For Should Cost Initiatives

Should Cost Initiative Results

Should Cost Initiative Savings

Submit Reinvestment Strategy

PEO Reinvestment Plan

**Enabling**

Note: This is an AFLCMC Standard Process.
Enabling Core Acquisition Process Model
1.5.2.1.5.2 Review Program Documentation

Go Up 1 Level

Governing

[Diagram showing flow between Review Life Cycle Management Plan, LCMP Feedback for Compliance, Review IUID Implementation Plan, IUID Implementation Plan Feedback for Compliance]

Core

Enabling
Note: DoDI 5000.02 (Enclosure 11 Section 4) requires a Post Implementation Review (PIR). The process for performing a PIR is outlined in 1.4.2.4. Click here to view.
Acquisition Process Model
1.5.2.1.5.3.1 Prepare CCA Compliance Report

Governing

Core

Enabling

Note: The remaining four elements are depicted elsewhere in the APM. Element 3 (Redesign the processes) is in 1.5.4, Element 5 (Conduct an AoA) is in 1.3.2.3, Element 6 (Conduct an economic analysis) is in 1.3.2.3.4 & 1.5.2.1.5.1, and Element 7 (Develop measures and accountability) is in 1.5.1.1 & 1.5.2.1.
Acquisition Process Model
1.5.2.1.5.4 Manage Information Support Plan

- Draft ISP
- Review and Approve ISP
- Develop and Submit ISP
- Programmatic Data

Go Up 1 Level
Acquisition Process Model
1.5.2.1.5.6 Prepare APB

Go Up 1 Level

Format and Prepare the APB

Coordinate the APB

Approve the APB

APB

PEO Signed APB

Note: OSD(AT&L) issued APM preparation and review guidance for use in the above process. CTRL-Click here to access an active link to this guidance.
Go Up 1 Level

Acquisition Process Model
1.5.2.1.6 Manage Program Metrics

Define the Metrics

Gather the Metrics Information

Report the Metrics

Program Status

Programmatic Data

Programmatic Data

Program Status

Program Metrics

Metrics Reports
Acquisition Process Model
1.5.2.1.8 Conduct CFO Compliance
1.5.3 Conduct Life Cycle Risk Management

Acquisition Process Model

Note: AFLCMC has a Standard Process for Risk Management that is similar to the process outlined above. CTRL- Click to view AFLCMC Process
Acquisition Process Model
1.5.3.1 Manage Risk Management Plan
Acquisition Process Model
1.5.3.2 Track Risk

Establish Management Indicator System

Communicate Risk to Stakeholders

Monitor Risk Mitigation Plans

Risk Management Plan
Programmatic Data

Risk Management Reporting Framework

Risk Tracking Documents
Issue Identified
Revised Risk Management Plan
Acquisition Process Model
1.5.3.3 Identify Risk

Identify SMEs for Risk Evaluation

Examine Program Elements for Root Causes

Identify SMEs for Risk Evaluation

Document Root Causes

Risk Tracking Documents

Program Elements

Identified SMEs

Root Causes of Risk Issues
1.5.3.4 Analyze Risk

- Root Causes of Risk Issues
- Develop Probability & Consequence Scales
- Assign Probability of Occurrence
- Determine Consequences in Terms of Cost/Schedule/Performance Impact
- Document Results

Risk Assessment

Go Up 1 Level
Acquisition Process Model
1.5.3.5 Plan Risk Mitigation

Go Up 1 Level
1.5.3.6 Implement Risk Mitigation

- Determine Necessary Changes
- Direct Teams to Execute Risk Mitigation Plans
- Outline Risk Reporting Requirements
- Document Change History

Risk Mitigation Plan

Cost / Schedule / Performance Updates

Risk Management Results
Conduct Continuous Process Improvement (CPI)

- Monitor Processes
  - Process Information
  - Process Metrics
  - Top Down Direction
  - Higher Level Objectives
  - Active Surveillance
  - Ongoing SWOT
  - StanEval Findings

- Identify Process Issues
  - Process for Improvement
  - Process Improvement Team

- Analyze Process Issues
  - Unit Strategy
  - Root Cause Analysis
  - Program/Process Decisions
  - Education, Training, And Certification

- Revise & Implement Process
  - Process Details
  - Process Change Recommendations

Conduct VE
- Value Engineering Benefits
- Annual Value Engineering Report
- Appointment Letters
- MICT Permissions
- Draft Checklists

Execute Acquisition CPI
- Revised Budget
- Revised Process
- Implementation Plan
- Training Plan
- Communication Plan

Execute Unit Self-Assessment Program (USAP)
- Closed Deficiencies
- Checklist Change Recommendations
- Feedback to USAP Managers
- Approved Checklists
- Policies
- Memos
- CPI Activities
- Lessons Learned
- Leadership Recommendations
- Updates

Manage the APM
- Published APM Site

Standarize and Manage Processes
- Process Guides
- Standardized Process

Conduct Air Force Smart Operations
- Parent Unit Strategy
- Self-Assessments/Inspections Findings
- Programmatic Data
- CPI Tools

Acquisition Process Model
1.5.4 Conduct Continuous Process Improvement (CPI)
1.5.4.1 Monitor Processes

**Acquisition Process Model**

- **Governing**
  - Strategic Plan
  - Program Status

- **Core**
  - Review Strategic Measures & Progress to Goal Achievement
    - Process Strategic Evaluation
  - Establish Process Performance Baseline
    - Process Performance Baseline

- **Enabling**
  - Measure Processes Against Performance Baseline
    - Process Metrics

**Go Up 1 Level**
Acquisition Process Model
1.5.4.2 Identify Process Issues

Go Up 1 Level
1.5.4.3 Analyze Process Issues

- Develop CPI Project Plan
- Conduct Value Stream Analysis
- Execute Applicable Process Improvement Concepts


Process Improvement Team → Develop CPI Project Plan

Process Improvement Team

Acquisition Process Model
Acquisition Process Model
1.5.4.5 Conduct VE
Acquisition Process Model
1.5.4.6 Execute Unit Self-Assessment Program

Note: This is an AFLCMC Standard Process.
Acquisition Process Model
1.5.4.6.1 Execute Assessment

Notify USAP Monitors to Begin Assessment

Notify Assessors

Complete USAP Checklist(s)

Identified Deficiencies

Report Closure to USAP Manager

Provide Signed Assessment to Center SAP Manager

Approved Checklists

Notify USAP Monitors to Begin Assessment

Permissions

Notification

Completed USAP Checklist(s)

Assessment Closure

Signed Closure Letter

Approved Checklists

Note: This is an AFLCMC Standard Process.
Acquisition Process Model
1.5.4.6.2 Resolve Deficiencies

Core
- Conduct Root Cause Analysis (RCA) on Deficiencies
- Develop Corrective Action Plan (CAP)
- Execute Corrective Action Plan (CAP)
- Monitor CAP to Closure
- Report Deficiency Closure to Center SAP Manager

Enabling
Note: This is an AFLCMC Standard Process.
Acquisition Process Model
1.5.4.6.3 Conduct Data Analysis

Perform Trend Analysis on BOS Checklists → BOS Checklist Analysis → Advise Directors/USAP Manager on BOS Checklists → BOS Checklist Recommendations

Perform Trend Analysis on Functional Checklists → Functional Checklist Analysis → Notify MAJCOM FAM of checklist analysis → Functional Checklists Recommendations

Advise PEO/Execution Directorates of Functional Checklist → List of Checklists to run

Note: This is an AFLCMC Standard Process.
Define a New or Revised AFLCMC Process

- Process Information
- Process Performance Metrics
- New Policy

Training Plan

Feedback for Process Changes

Approved Process Guides

Standard Process Documentation

Manage AFLCMC Processes

Process Change Request

Process Updates

Manage Process Maturity Model

Process Performance Metrics

Note: This is an AFLCMC Standard Process.
Acquisition Process Model
1.5.4.7.2 Manage AFLCMC Processes

Note: This is an AFLCMC Standard Process.
Acquisition Process Model
1.5.4.7.3 Manage Process Maturity Model

**Governing**

- Review Process Metrics and Process Maturity (S&P)
- Review Rationale to Change Maturity Level

**Core**

- Maintain and Report PMM Scorecard
- Review Process Metrics and Process Maturity (PO)
- Develop Rationale for Maturity Level

**Enabling**

- Note: This is an AFLCMC Standard Process.
Acquisition Process Model
1.5.4.8 Conduct Air Force Smart Operations

Governing

Core

Conduct Strategic Alignment and Deployment and Process Operations

Unit Strategy

Self-Assessments/Inspections Findings

Root Cause Analysis

Program/Process Decisions

Parent Unit Strategy

Make Data-Driven Decisions

Programmatic Data

Conduct Commander’s Inspection Report

Conduct Education, Training, and Certification

CPI Tools

Enabling
1.5.4.9 Manage the APM

- Conduct Monthly CCB Meeting
  - Approved Recommendations
  - Approved Recommendations Summary
- Conduct Weekly APM Meeting
  - Approved Recommendations
- Update APM
- Review APM Updates
- Publish Updated APM

- Perform Active Surveillance
  - Policies
  - Memos
  - CPI Activities
  - Lessons Learned
  - Leadership Recommendations

- Notification
- Adjustments

- Go Up 1 Level
Acquisition Process Model
3.0 Service Development and Delivery Process (SDDP)

Legend

△ Milestone Review

■ Decision

Identify DOTMLPF-P Capability Requirements
Identify Mission Process to Deliver DOTMLPF-P Capabilities
Define Materiel Solution and Implementation Plan
Plan and Implement Materiel Solution
Integration, Test and Application Lifecycle Management
Deploy and Operate Materiel Solution and Measure the Success of the Capability Delivery

Materiel Development Decision

CDD Validation
Development RFP Release Decision
Limited Deployment Decisions
Full Deployment Decision (FDD) IOC
Full Deployment (FD)

Materiel Solution Analysis
Risk Reduction
Development and Fielding
Production and Deployment
Operations and Support

Risk Reduction Build
Build 0
Build 1
Build 2
Build n

OT&E

Identify DOTMLPF-P Capability Requirements

Go Up 1 Level
Acquisition Process Model
3.1 Identify DOTMLPF-P Capability Requirements

- Define the Need/Problem Statement
- List Relevant LRP Requirements
- Determine, Prioritize and Present DOTMLPF-P Capabilities to Sponsor
- Identify Performance Measures and Attributes
- Conduct EA Analysis

- Obtain Formal Review and Approval to Proceed
- Architecture Team Assessment
- PRM Inputs
3.2 Identify Mission Process to Deliver DOTMLPF-P Capabilities

Acquisition Process Model

**Core**
- Identify Mission Processes
- Update Work Plan
- Conduct Process Re-engineering
- Inform and Adjudicate Affected Processes
- Develop DOTMLPF-P Execution Actions and Plans

**Enabling**

- Governing
  - Obtain Approvals and Validate BPR Sufficiency
  - DOTMLPF-P Implementation Plan

**Go Up 1 Level**
3.3 Define Materiel Solution and Implementation Plan

- Design Contextual Model
- Select Activities to Build Materiel Solution Implementation Plan
- Perform Onboarding Activities
- Obtain Appropriate Governance Approvals
  - Validate Requirements
  - Obtain Validated Requirements
  - Compliance Approval
  - Acquisition Approval
- Identify Project Lead
  - Project Lead
- Perform Information Analysis Activities
  - Identify Alternate COAs
  - Prepare Bounded User Requirements for Implementation
  - Bounded User Requirements Package
Acquisition Process Model
Materiel Development Decision (MDD) Statutory and Regulatory Information Requirements

Market Research

Materiel Development Decision Review of Statutory Requirements (MDAP & MAIS Programs)

ADM
Affordability Analysis
AoA Study Guidance
AoA Study Plan
ICD
Initial Threat Environment Assessment
Joint DoD and DNI Programs
Problem Statement

Materiel Development Decision Review of Regulatory Requirements (MDAP & MAIS Programs)

From DoD 5000.2 Enclosure 4
Statutory & Regulatory Information and Milestone Requirements

CTRL-Click here to access a link to an Air Staff Acquisition Document Coordination Matrix

CTRL-Click here for more report information
Acquisition Process Model
Milestone A Statutory and Regulatory Information Requirements

From DoD 5000.2 Enclosure 4
Statutory & Regulatory Information and Milestone Requirements

CTRL-Click here to access a link to an Air Staff Acquisition Document Coordination Matrix

Note: On 18 May 15, DIA issued a memorandum titled Interim Guidance to DIAI 5000.002 indicating that the STAR will transition to the new Validated Online Lifecycle Threat (VOLT) report.
Dev RFP Review of Statutory Requirements (MDAP & MAIS Programs)

- Acquisition Strategy
- ADM
- Affordability Analysis
- APB
- CARD
- CDD
- Concept of Operations/Operational Mode Summary/Mission Profile
- Development RFP Release Cost Assessment
- Exit Criteria
- ISP
- Item Unique Identification
- Implementation Plan
- Joint DoD and DNI Programs
- LCSP
- Life Cycle Mission Data Plan
- PPP
- Problem Statement
- Request for Proposal
- SEP
- Should-Cost-Target
- STAR
- TEMP
- AoA
- Bandwidth Requirements Review
- Benefit Analysis and Determination
- Consideration of Technology Issues
- Cooperative Opportunities
- Cybersecurity Strategy
- Industrial Base Capabilities Considerations
- Intellectual Property (IP) Strategy
- Market Research
- Small Business Innovation Research/Small Business Technology Transfer Program Technologies

Dev RFP Review of Regulatory Requirements (MDAP & MAIS Programs)

- Contract-Type Determination
- Core Logistics Determination/Core Logistics and Sustaining Workloads Estimate
- LRIP Quantities
- Manpower Estimate
- TRA
- Termination Liability Estimate
- Economic Analysis

Dev RFP Review of Statutory Requirements (MDAP Programs)

Note: On 18 May 15, DIA issued a memorandum titled Interim Guidance to DIAI 5000.002 indicating that the STAR will transition to the new Validated Online Lifecycle Threat (VOLT) report.
Milestone B Review of Statutory Requirements (MDAP & MAIS Programs)

Milestone B Review of Regulator Requirements (MDAP & MAIS Programs)

- APB
- Bandwidth Requirements Review
- CCA Compliance
- Cybersecurity Strategy
- Frequency Allocation Application (DD Form 1494)
- ICE
- Intellectual Property (IP) Strategy
- PESHE
- Small Business Innovation Research/ Small Business Technology Transfer Program Technologies
- ADM
- Affordability Analysis
- CARD
- DoD Component Cost Estimate
- DoD Component Cost Position
- Exit Criteria
- Full Funding Certification Memorandum
- ISP
- Item Unique Identification Implementation Plan
- Joint DoD and DNI Programs
- LCSP
- Life Cycle Mission Data Plan
- PPP
- Problem Statement
- SEP
- Should-Cost Target
- Spectrum Supportability Risk Assessment
- TEMP
- Waveform Assessment Application

Milestone B Review of Statutory Requirements (MDAP Programs)

- 2366a/b Certification Memorandum
- Congressional Notification of MDAP Subprogram Designation
- Contract-Type Determination
- Core Logistics Determination/ Core Logistics and Sustaining Workloads Estimate
- Independent Logistics Assessment
- LFT&E Waiver from Full Up System Level Testing
- LRIP Quantities
- Manpower Estimate
- Replaced System Sustainment Plan
- SAR
- TRA

Milestone B Review of Statutory Requirements (MAIS Programs)

- Economic Analysis
- Program Certification to the Defense Business Systems Management Committee
Milestone C Review of Statutory Requirements (MDAP & MAIS Programs)

Milestone C Review of Regulatory Requirements (MDAP & MAIS Programs)

2366a/b Certification Memorandum
Congressional Notification of MDAP Subprogram Designation
Contract-Type Determination
Core Logistics Determination/ Core Logistics and Sustaining Workloads Estimate
Independent Logistics Assessment
Manpower Estimate
Preservation and Storage of Unique Tooling Plan
TRA Termination Liability Estimate

Note: On 18 May 15, DIA issued a memorandum titled Interim Guidance to DIAI 5000.002 indicating that the STAR will transition to the new Validated Online Lifecycle Threat (VOLT) report.

CTRL-Click here to access a link to an Air Staff Acquisition Document Coordination Matrix
Full Rate Production DR Review of Statutory Requirements (MDAP & MAIS Programs)

Full Rate Production DR Review of Regulatory Requirements (MDAP & MAIS Programs)

Note: On 18 May 15, DIA issued a memorandum titled Interim Guidance to DIAI 5000.002 indicating that the STAR will transition to the new Validated Online Lifecycle Threat (VOLT) report.

CTRL-Click here for more report information

Congressional Notification of MDAP Subprogram Designation

Independent Logistics Assessment

LFT&E Report

Manpower Estimate

Economic Analysis

Termination Liability Estimate

Full Funding Certification Memorandum

DoD Component Cost Estimate

DoD Component Cost Position

DoD Component Live Fire Test and Evaluation Report

Full Funding Certification Memorandum

IT & NSS Interoperability Certification

Joint DoD and DNI Programs

Life Cycle Mission Data Plan

LCS

Operational Test Agency Report

Problem Statement

PPP

Request for Proposal

Should-Cost Target

STAR

TEMP

Acquisition Strategy

ADM

Affordability Analysis

CARD

Cybersecurity Strategy

DOT&E Report on Initial Operational Test and Evaluation (IOT&E)

General Equipment Valuation

ICE

Intellectual Property (IP) Strategy

PESHE

Small Business Innovation Research/Small Business Technology Transfer Program Technologies

Acquisition Process Model

Full Rate Production DR Statutory and Regulatory Information Requirements

From DoD 5000.2 Enclosure 4
Statutory & Regulatory Information and Milestone Requirements

CTRL-Click here to access a link to an Air Staff Acquisition Document Coordination Matrix

Note: On 18 May 15, DIA issued a memorandum titled Interim Guidance to DIAI 5000.002 indicating that the STAR will transition to the new Validated Online Lifecycle Threat (VOLT) report.
MIRT meets prior to each of the following:
1. Approval of acquisition strategy or acquisition plan
2. Release of the RFP
3. Conducting discussions or award w/o discussions
4. Issuance of the Final Proposal Revision Request
5. Source Selection Decision

OSD Pre-Award Peer Reviews occur prior to each of the following:
1. Issuance of solicitation
2. Final Proposal Revision Request
3. Contract Award

*NOTE 1: Reviews below the PEO level may be conducted prior to the ASP or AFRB
MIRT meets prior to each of the following:
1. Approval of acquisition strategy or acquisition plan
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* Contract Clearance Review (Sole Source) occurs after MIRT 2 and before OSD Peer Review 3
Program Reviews (MS B to MS C)

**Cost Rights**
- RSR
- AFGK
- NIR
- AFGK
- AFRRG
- AFROC
- FCB
- JCB
- JROC

**Labour**
- SSAR
- MIRT
- PEO
- ASP
- FIG/FIM

**Technical**
- PSR
- MRA
- LIA
- SRA
- TRA
- ETR
- ESON
- SHA
- PSR

**Program Reviews**

1. Approval of acquisition strategy or acquisition plan
2. Release of the RFP
3. Conducting discussions or award w/o discussions
4. Issuance of the Final Proposal Revision Request
5. Source Selection Decision

**Other Non-Milestone Related Reviews**
- SFP/RBR
- SEAM
- CSR
- Audits/Inspections
- PEO Portfolio Review
- ILCM Executive Forum
- DAEs Reviews
- Program Management Reviews
- AFRRG (Out of Cycle)

**NOTE 1:** Reviews below the PEO level may be conducted prior to the ASP or AFRB.
Program Reviews (Post MS C)

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2. Release of the RFP
3. Conducting discussions or award w/o discussions
4. Issuance of the Final Proposal Revision Request
5. Source Selection Decision

OSD Pre-Award Peer Reviews occur prior to each of the following:
1. Issuance of solicitation
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