

# Air Force Installation & Mission Support Center

## US Air Force Use of ISO 55000



AFIMSC questions? Click the  
LAUNCH logo or go to the website  
here: <https://go.usa.gov/xHwza>  
(CAC enabled)

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**Definitive Logic**

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# Scope of Air Force Infrastructure

## 178 Air Force Installations (Includes Active, Guard and Reserve)

### Plant Replacement Value

**\$296B**

Greater than Toyota's  
Annual Revenue



**183M Yds<sup>2</sup> of Airfield Pavement**  
229 x Dallas-Forth Worth Airport  
(American Airlines hub)



**580M Ft<sup>2</sup> of Buildings**  
3 x Target Corp.



**9M Acres of Land**  
3 x Connecticut



**70,000 Family Homes**  
Same as Alexandria, VA



**103,000 Dorm Rooms**  
3.3 x hotel rooms at Disney World

*The Air Force Installation is a Force Enabler*

Note: As of 2018

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## 77 Active Duty Installations across 10 Major Commands



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# CE AM CONOPS – Our “System”



## Purpose:

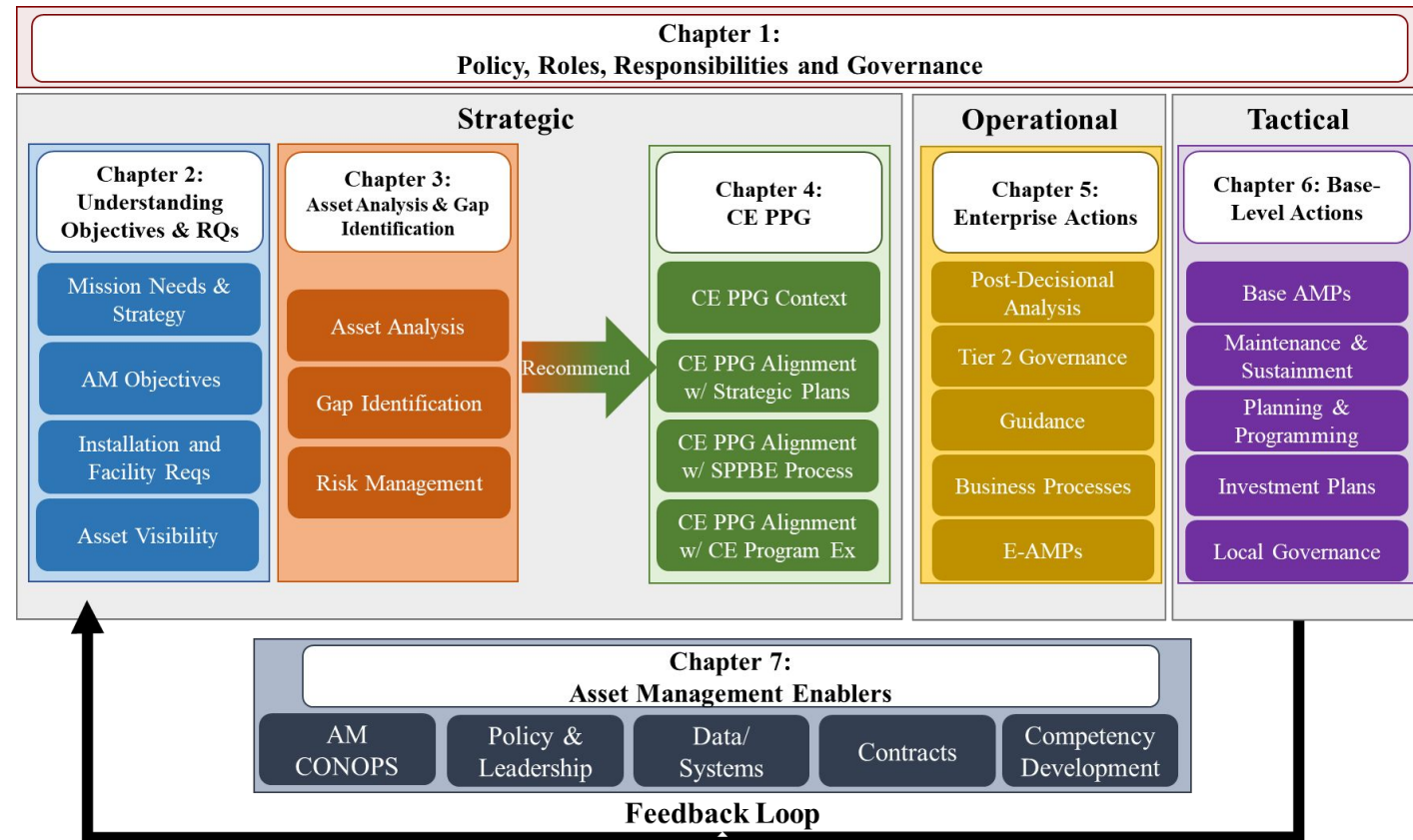
- Introduce and develop Civil Engineer understanding of asset management and its role advancing DAF mission achievement.

## Status:

- Incorporating continuous feedback from AFIMSC & AFCEC into weekly draft updates
- AF SMEs developing Chapters 5 & 6 content for final product

## Next Steps:

- Finalize working draft content and route for broader review
- Identify owner to move through the DAFMAN development process

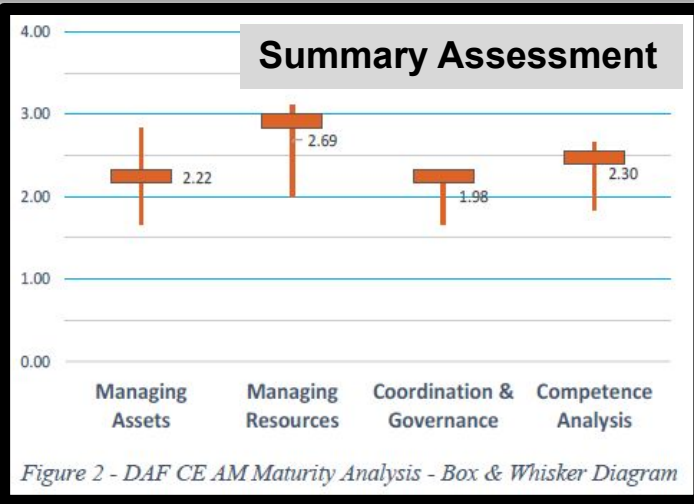


CE AM CONOPS Framework



# USAF Civil Engineering

## Asset Management System Maturity Assessment



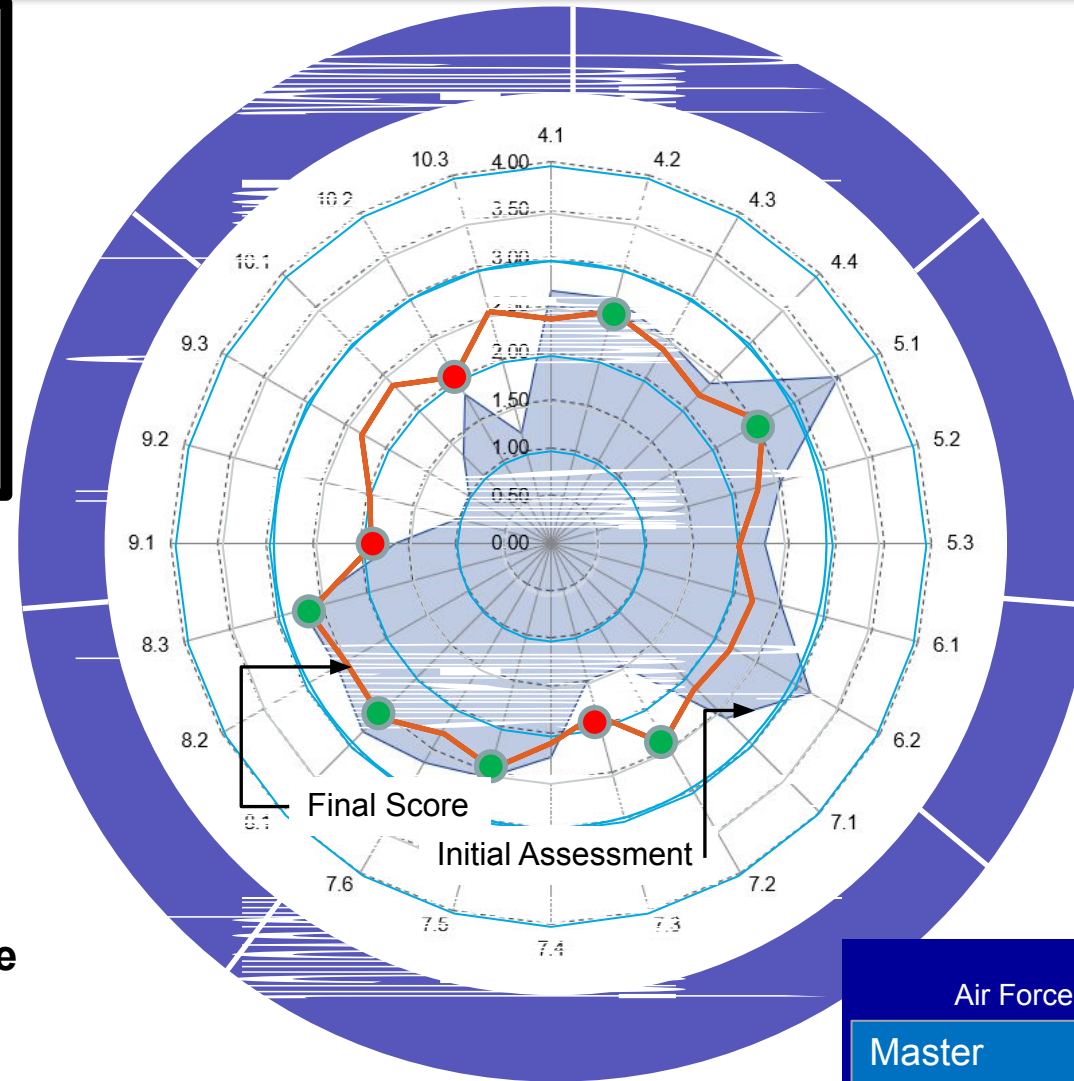
### AFIMSC Summary:

#### Strengths:

- Manage resources very well
- Competent teams
- Outsource appropriately

#### Challenges:

- Coordination and Governance
- Monitoring/Measuring efforts
- Team awareness



ISO 55001 Management System Requirements	
<b>4. Context of the Organization</b>	
4.1.	Understanding the Organization and it's Context
4.2.	Stakeholder needs and expectations
4.3.	Scope of the Asset Management System
4.4.	Asset Management System
<b>5. Leadership</b>	
5.1.	Leadership and commitment
5.2.	Policy
5.3.	Organizational roles, responsibilities, and authorities
<b>6. Planning</b>	
6.1.	Risks and Opportunities
6.2.	Objectives and planning to achieve them
<b>7. Support</b>	
7.1.	Resources
7.2.	Competence
7.3.	Awareness
7.4.	Communication
7.5.	Information Requirements
7.6.	Documented Information
<b>8. Operations</b>	
8.1.	Operational planning and control
8.2.	Management of change
8.3.	Outsourcing
<b>9. Performance Evaluation</b>	
9.1.	Monitoring, measuring, analysis, and evaluation
9.2.	Internal Audit
9.3.	Management Review
<b>10. Improvement</b>	
10.1.	Non-Conformity and corrective action
10.2.	Preventative Action
10.3.	Continual Improvement

### Maturity Levels

Air Force Average: 2.21

Master	Practitioner	Apprentice	Novice
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USAF Self Assessment developed w/ small team perspective only

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# 2021 – The CE AMS Assessment



## Finding

- The DAF CE AMS does not meet minimum ISO 55001 requirements. This means there are gaps in enterprise risk management that impact the AF's ability to make informed and optimized resource investment decisions

## Recommendations

- Establish doctrine around use of Asset Management Objectives
- Improve Asset Management Governance / Unity of Effort
- Streamline and accelerate Asset Management Decision Making through IT Enablement

## Improvement Roadmap

- Align Executive Champions / Vision
- Update Policy
  - Starts with CE AM CONOPS DAFMAN
- Implement CE AM Capability Improvement Activities
  - CE PPG (e.g. SAMP)
  - Subordinate Asset Management Plans
  - Asset Management Objectives Doctrine
  - Asset Management Capability Maturity
- Digitize integrated planning to inform resource decision-makers

## Objective

- Definitive / material gains to USAF/USSF Operational Readiness





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# CE AMS PPG Update



## ■ Purpose:

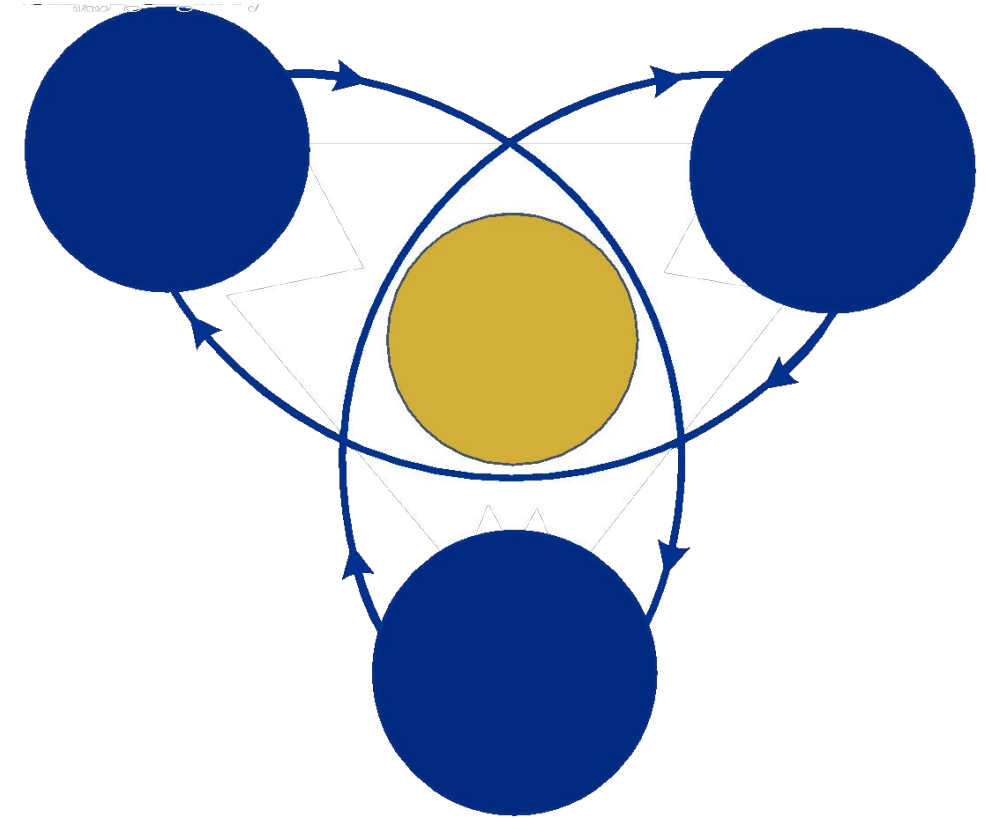
- Inform AF Budget development process by providing a detailed explanation of:
  - State of the built and natural infrastructure programs Status of achieving asset management objectives within projected resources, and
  - Risk management strategies

## ■ Status:

- Incorporating feedback from A4 and AFIMSC key stakeholders into weekly draft updates
- Further developing program areas objectives and risk strategies

## ■ Next Steps:

- Draft PPG for review at the December iPMR
- Develop timeline to PPBE process that supports decision-making and informs installations of AFIMSC's approach (Directive Memo)



*PPG Foundational Concepts*