



# Sustainment challenges and opportunities for the RAAF Super Hornet and Growler fleets



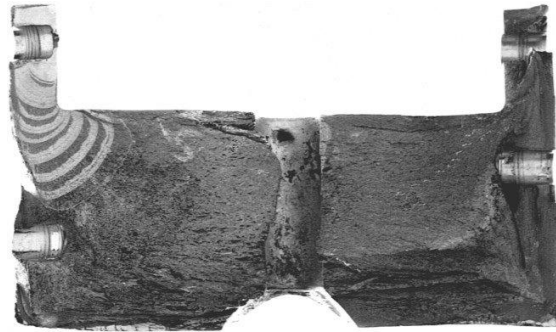
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Air Combat and Electronic Attack Sustainment Program  
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# Topics

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- Sustainment Program background
- Transition from a 10 year service life to 30+ years
  - Workforce challenges
  - Configuration, Role and Environment Differences between USN and RAAF
  - Spares/Repairs opportunities
  - Impact of Classic Hornet retirement

# Who am I?



# ACEA Program History

2007

2009

2010

2012

2014

2017



# The great stuff

## USN Commonality



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# The great stuff

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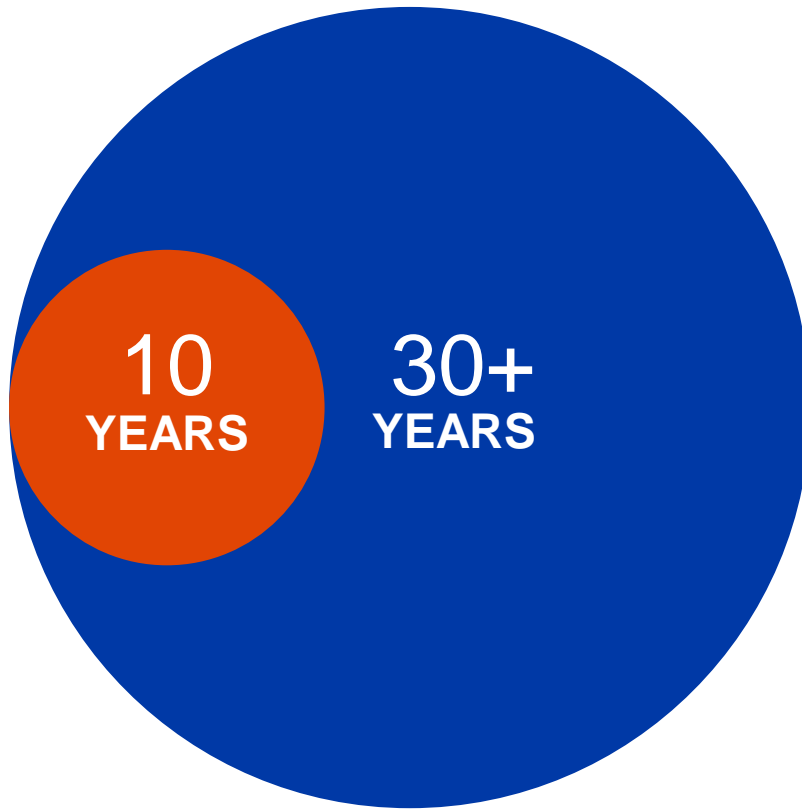
## Enterprise Values

- **Accountable** (for our roles and responsibilities)
- **Collaborative** (within the Enterprise)
- **Value** (to our Capability and in everything we do)

# Current Challenges and Opportunities

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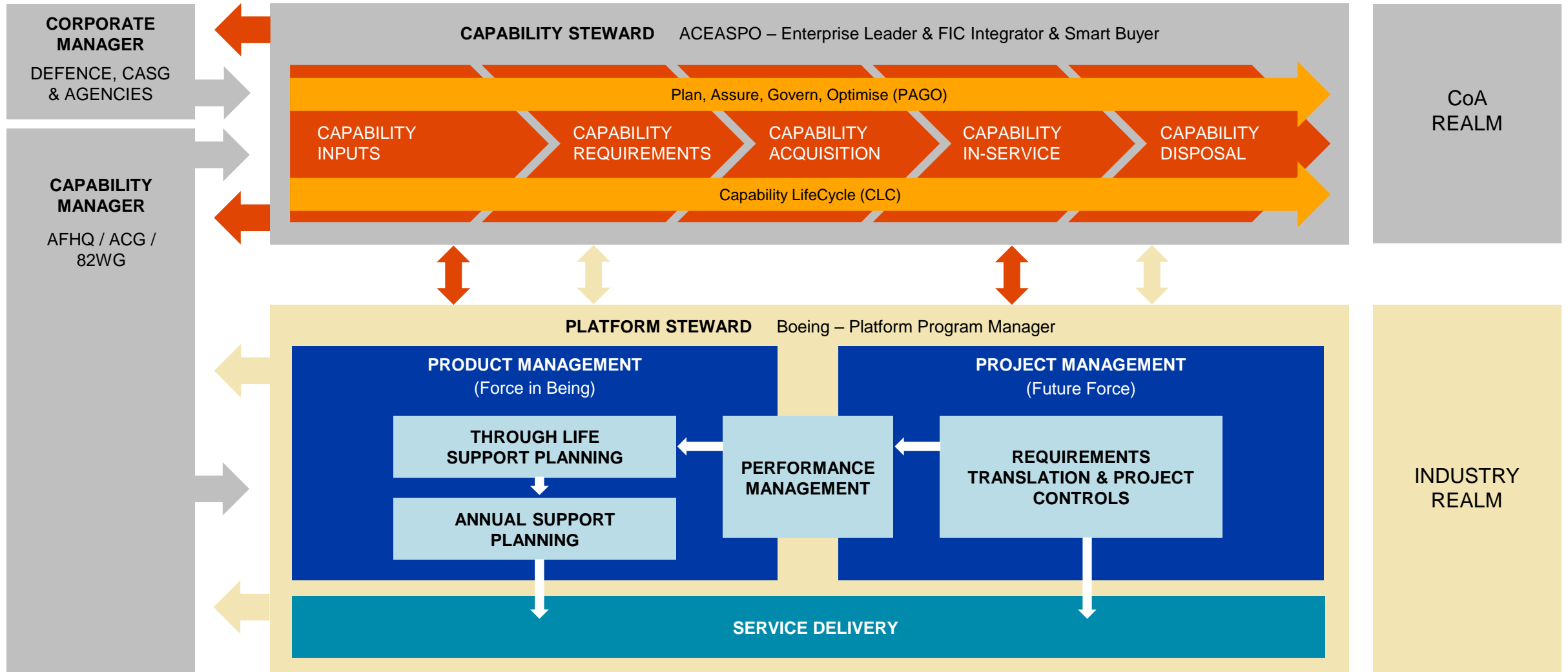
Transition from 10 year LOT to 30+ years



## Logistics Support Concept focus areas

- Role Clarity
  - Enterprise Operationalisation
- Workforce development
- CRE Differences from USN
  - Maintenance Program
  - Structural Life Assessment
- Spares / Repairs economics
  - Additive Manufacturing
- Classic Hornet withdrawal

# Enterprise Operationalisation





# Workforce Development

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Chief Engineer  
SPO OC/CO  
Chief Engineer  
Senior Logisticians  
Program Manager  
Project Managers  
Maintenance Managers

# CRE differences between RAAF and USN

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Configuration



Role



Environment



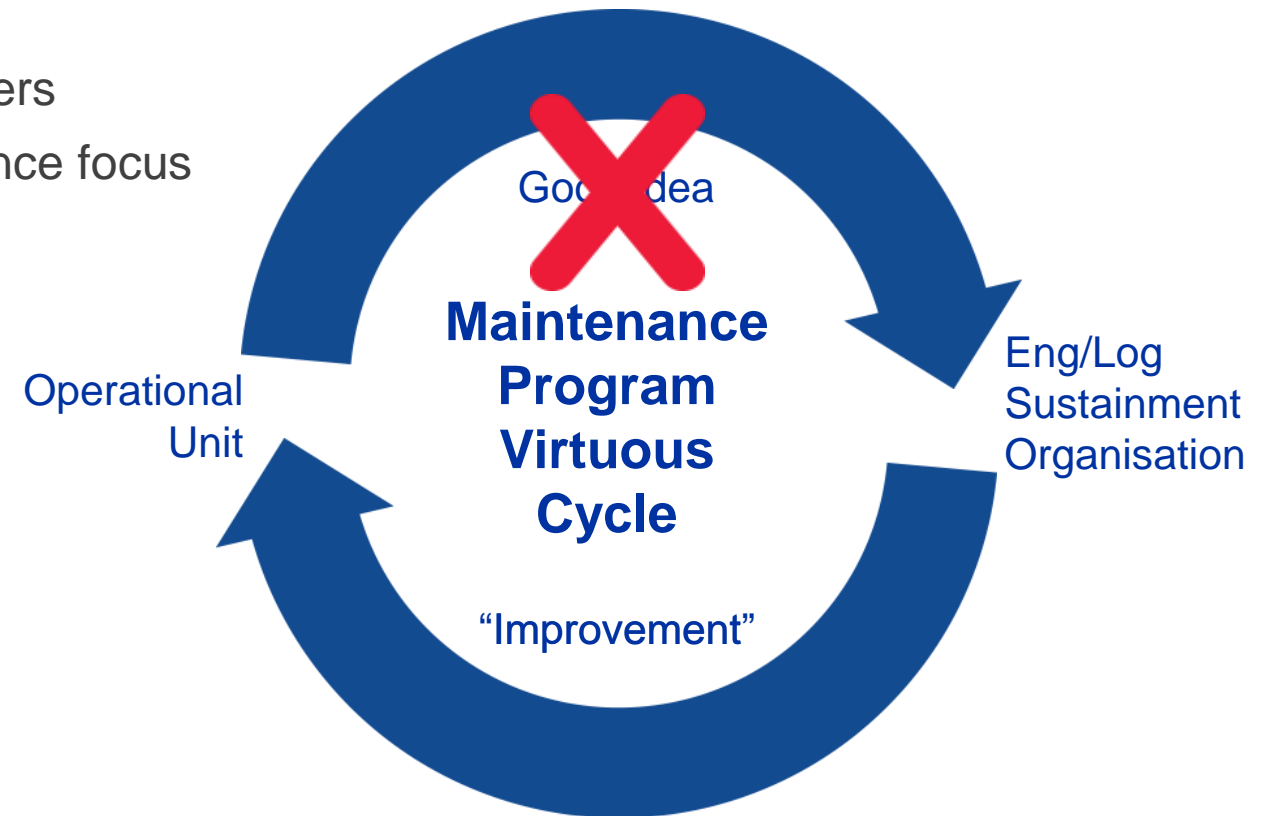
# CRE differences between RAAF and USN – AMP

## USN

- Average tech age < 20 yo
- Training before deployment - 6 months
- No engineering officers
- Higher operational focus
- Massive

## RAAF

- Average tech age > 25 yo
- Training before deployment - 18 months
- Engineering officers
- Higher conformance focus
- Lean/agile



# CRE Differences – Structural Life Assessment

F/A-18A/B = IFOSTP

F/A-18F = SLAP



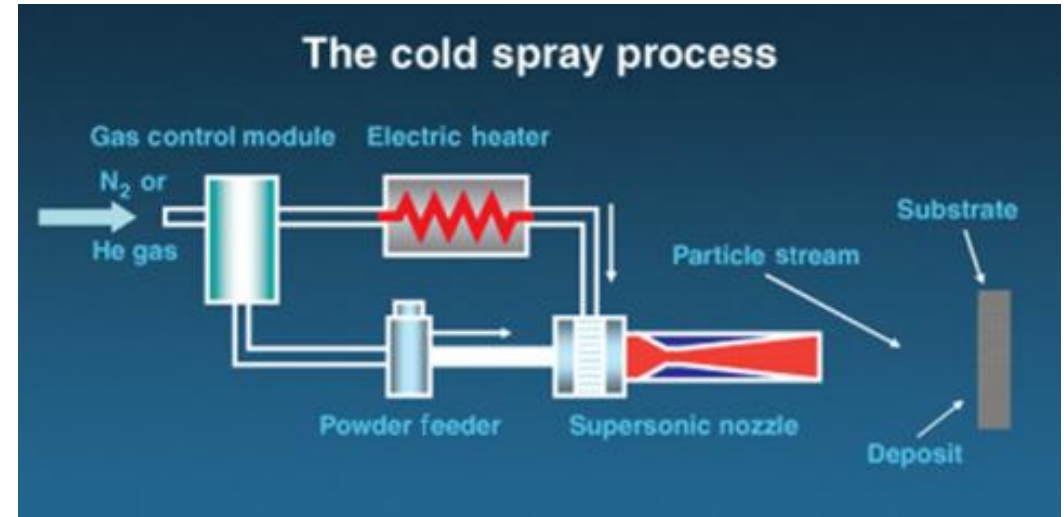
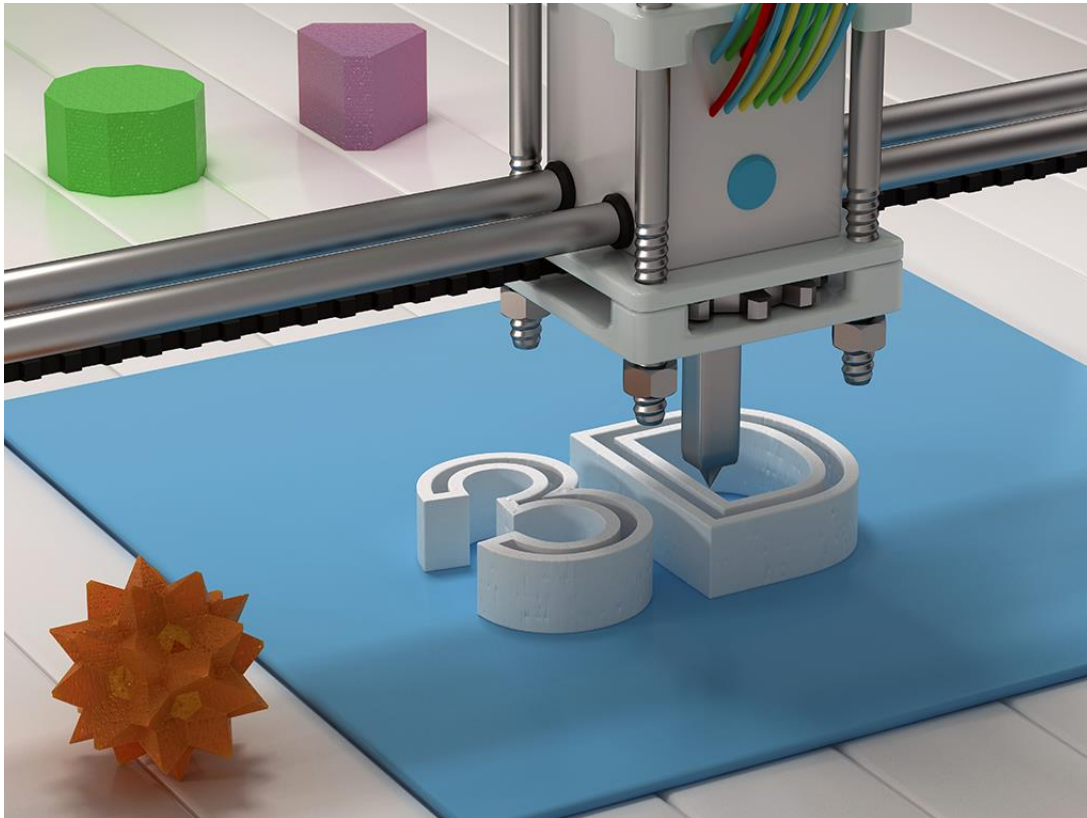
# Spares/Repairs Economics

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30+ Years



# Spares/Repairs Economics Additive Manufacturing



Local Industry Capability?  
Global Trade Controls?

# Classic Hornet Withdrawal

Common item management

S&TE management

Usage Monitoring

Etc

Etc



# Key takeaways for other programs

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- Success starts with shared values
- Challenges and Opportunities are best shared between CoA and Industry
- CRE – differences in culture need to be understood





# ACEA

ENTERPRISE



**Raytheon**  
Australia

