

# Tool Control in the 21<sup>st</sup> Century


















## Purpose



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- Design a system that provides real time inventory and the ability to control distribution and tracking of tools and eliminate potential FOD
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- Minimize the duration of time retrieving tools and increase productivity by having tools accessible from start to completion of task
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## Designing a System

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- CONTROL & ACCOUNTABILITY
    - Accurate account of all tools
    - Tools used per task
    - Traceability of loss/found tools
    - Track tool & equipment movement
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## Designing a System

- MAINTAIN

- Tool Services builds and maintains inventory
  - Distribution of kits monitored by Supervisors and FOD Monitors
  - Visual inspections of kits conducted at the beginning and end of each shift
  - Inspections (Daily, Weekly, Semi-Annually, Annually)
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A decorative pattern of white-outlined squares of various sizes is arranged in a grid-like fashion across the top and left side of the slide. Some squares are solid dark blue, while others are just white outlines.

## Designing a System

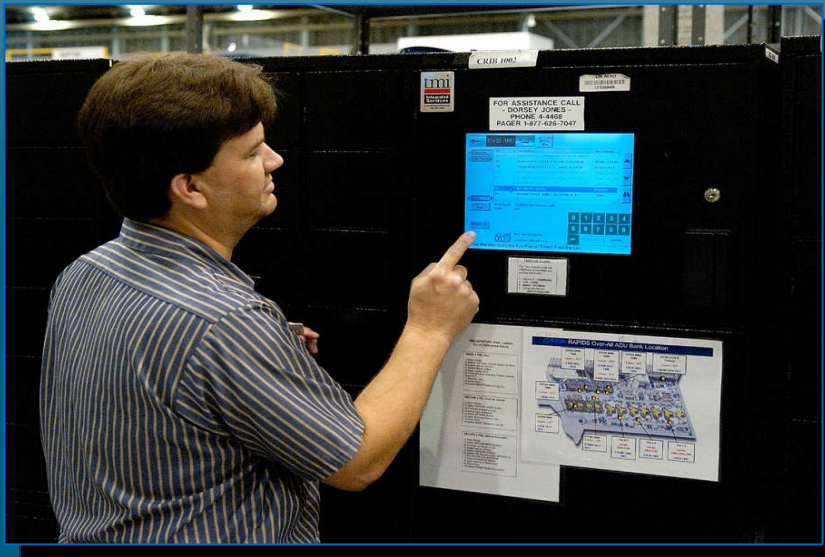
- ELIMINATE FOD
  - Achieve LM Aero Company Objectives
  - Meet customer's expectations

## SIM-PAC Next Generation

- Enterprise-wide system that provides real-time inventory and the ability to control the purchase, distribution, and tracking of production aid commodities.



## Automated Dispensing Unit (ADU)



- Use for distributing and tracking calibration tools
- Ensure the required tools are provided for the assigned tasks
- Track calibration cycles
- Generate reports (Daily, Weekly & Monthly)

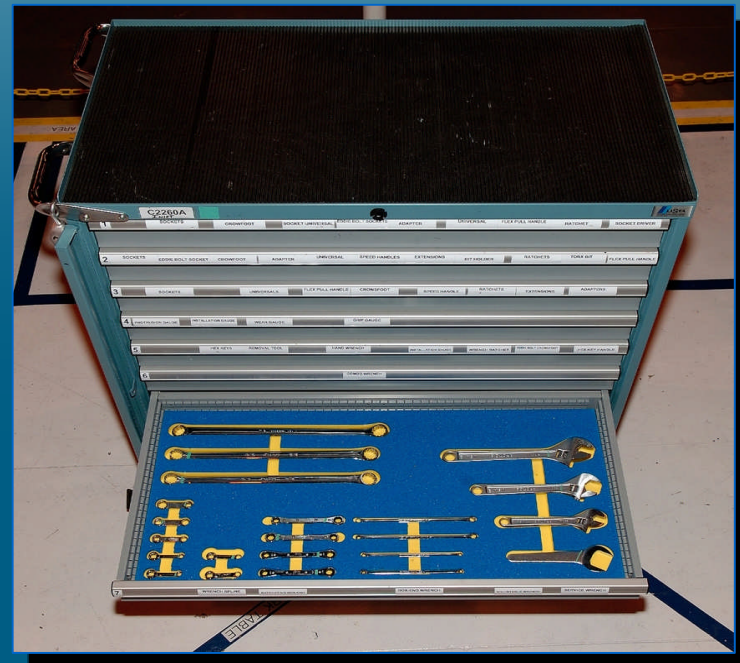
# Repair & Maintenance Kit



- Minimize retrieval time
- Reduce number of cutters used
- Increase actual time on the job
- Accurate account of all cutters
- Traceability of loss/found cutters

## Consolidated Tool Kits (CTK)

- Consolidated Tool Kits are a unique type of crib (identified by a 5-digit crib number) that Lockheed has set up in CribMaster. The CribMaster software is used solely to identify and track the status of the items that are in CTKs.
- However, the status of individual CTK items is tracked in CribMaster; for example, if they are broken, sent for repair, missing, or replaced. Also, calibration dates for items are entered into CribMaster and monitored there.



# Cribs

- Standard & Functional Test Cribs
  - Day to day operation of crib usage
  - Track equipment issued by A/C, Dept., etc.
  - Long term usage
  - Reports ( Daily, Weekly, Monthly)
  - Search assets, transfer assets & inventory cycle



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## Questions and Answers

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