

# Ogden Air Logistics Center



## 2009 NAFPI FOD Conference

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# Depot Maintenance Versus New Item Manufacturing



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| Depot Maintenance  | New Item Manufacturing   |
|--|--|
| <p>Flightline/Hanger/Shop space must be available to allow workload to arrive and be inducted</p>  | <p>New items can be manufactured as long as material is available and orders are awaiting to be filled</p>           |
| <p>Configuration management must be closely scrutinized to ensure modified parts and pre-assembled kits are compatible with the workload</p> | <p>Once manufacture tooling is set-up, the process is the same on the first item all the way through to the last</p> |
| <p>Several unique processes may be requested by the owning activity which require additional scheduling</p>                                  | <p>Most all processes are the same on newly manufactured items</p>   |
| <p>Discovering the “unknown variable” throws the largest monkey wrench in the depot process</p>  | <p>All new material and sub-components eliminate the potential of finding a hidden discrepancy</p>                   |
|  |  |



# Depot Maintenance Versus New Item Manufacturing



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## Depot Maintenance

Flightline/Hanger/Shop space must be available to allow workload to arrive and be inducted

## New Item Manufacturing

New items can be manufactured as long as material and machines are available and orders are waiting to be filled





# Depot Maintenance Versus New Item Manufacturing



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## Depot Maintenance

Configuration management must be closely scrutinized to ensure modified parts and pre-assembled kits are compatible with the workload

## New Item Manufacturing

Once manufacture tooling is set-up, the process is the same on the first item all the way through to the last item



Special Purpose F-16's

Extended C-130



Older versus newer model airframes





# Depot Maintenance Versus New Item Manufacturing



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## Depot Maintenance

Several unique processes may be requested by the owning activity which require additional scheduling

## New Item Manufacturing

Most all processes are the same on newly manufactured items





# Depot Maintenance Versus New Item Manufacturing



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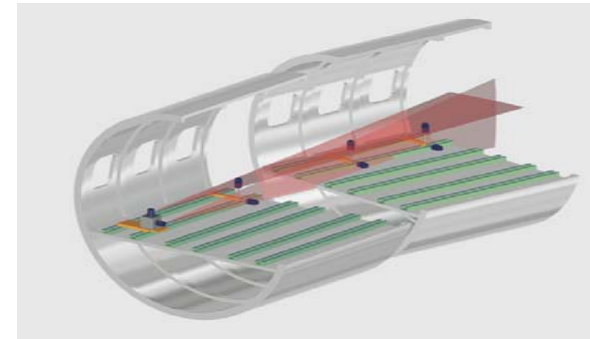
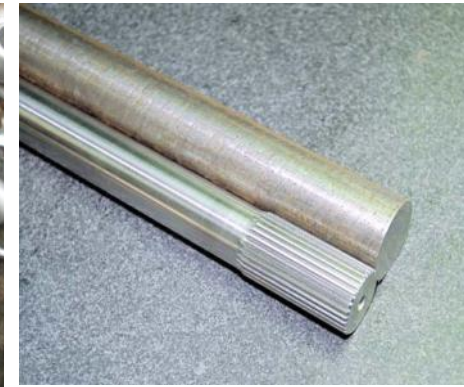
## Depot Maintenance

Discovering the “unknown variable” throws the largest monkey wrench in the depot process



## New Item Manufacturing

All new material and sub-components eliminate the potential of finding a hidden discrepancy





# Depot Maintenance Versus New Item Manufacturing



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- **FOD Awareness and Prevention within both environments support a common goal**
  - **On Cost... On Time... Customer Satisfaction...**
- **No matter if it is Depot Maintenance or New Item Manufacturing, FO must be prevented to continue providing reliable, safe assets to our customers**
- **Management buy-in, supervision driven, employee behavior are crucial to a vibrant FOD prevention culture**



# Depot Maintenance Versus New Item Manufacturing



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Management and Supervision at crew meeting



Employee behavior exhibits a culture of FO awareness and prevention



Equal



**SHINGO PRIZE**  
for EXCELLENCE in  
MANUFACTURING

Administered by  
**Utah State University**  
COLLEGE OF BUSINESS

Depot successfully meeting goals  
-Shingo Gold and Silver Awards



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**End of Presentation**