



# **Bridging the Gap...**

***Between IUID Policy and  
Implementation***



# Bridging the Gap...

## *Between IUID Policy and Implementation*



CAG 0CVA5  
SER 786590

# DoD IUID Implementation

**Develop  
Implementation  
Plan**

**Select Items to  
be Marked**

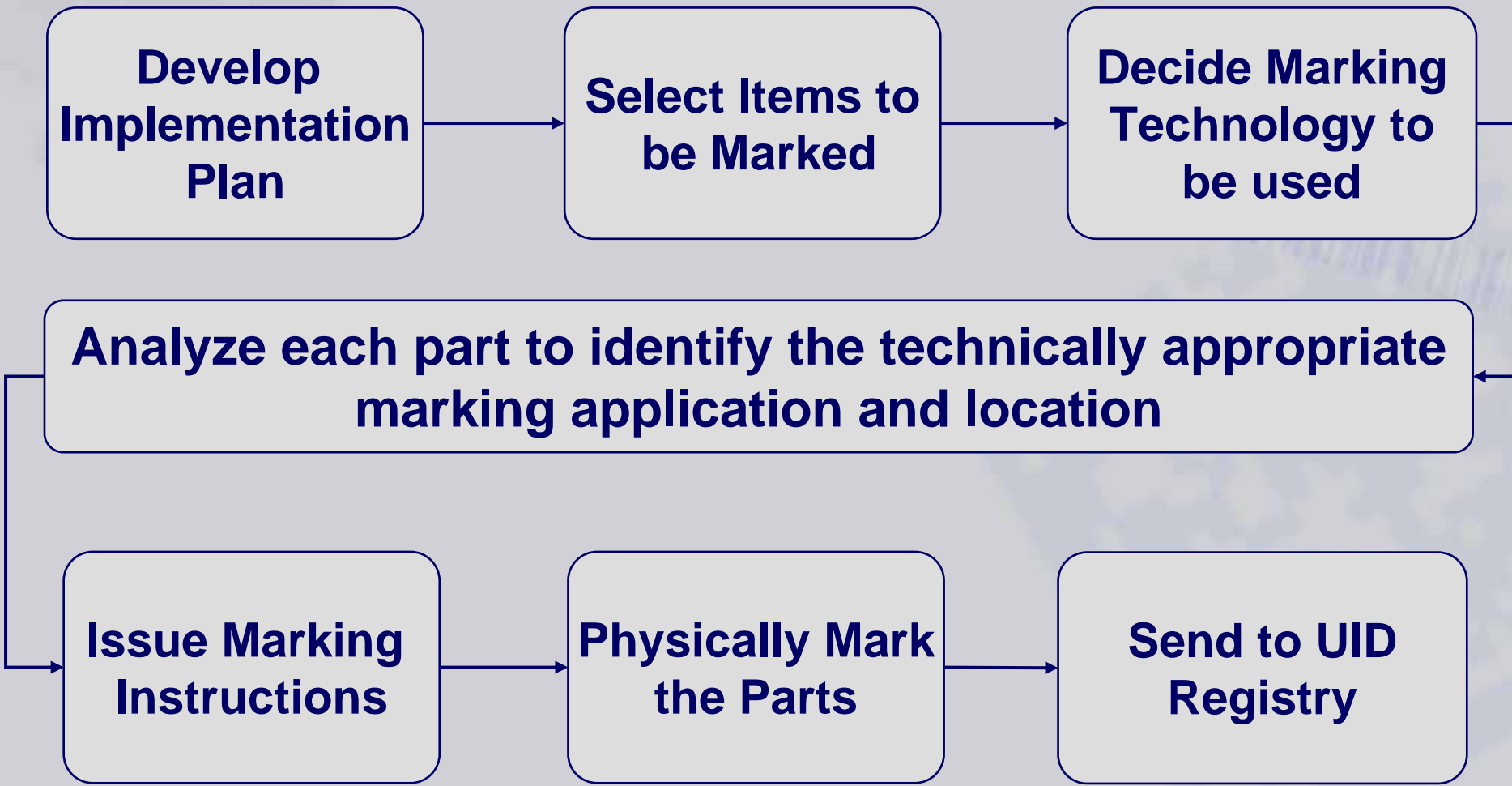
**Decide Marking  
Technology to  
be used**

**Analyze each part to identify the technically appropriate  
marking application and location**

**Issue Marking  
Instructions**

**Physically Mark  
the Parts**

**Send to UID  
Registry**



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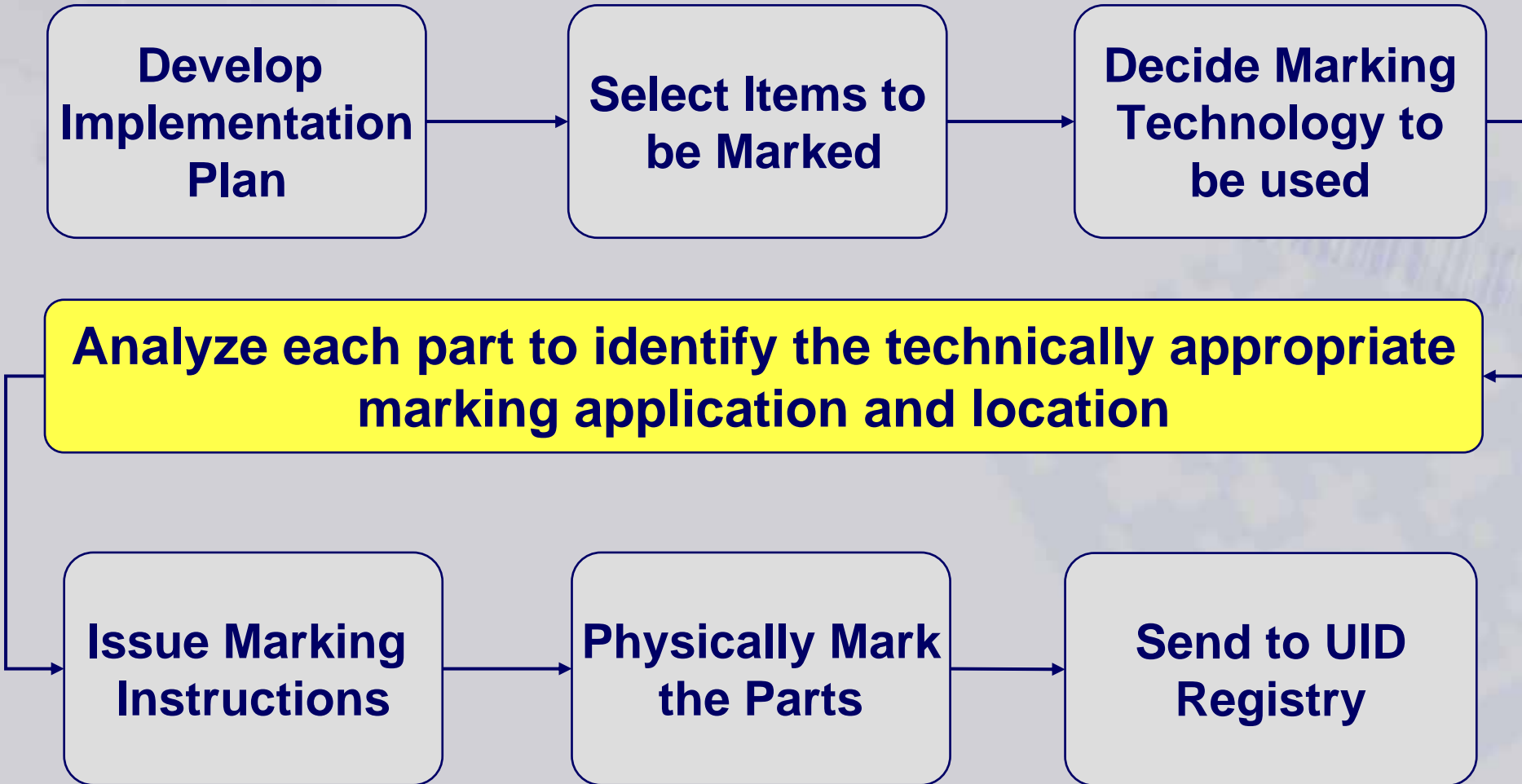
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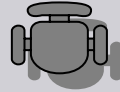


# Parts Marking Challenges

- Choosing the technically appropriate IUID application for each part
  - Ex. label or Ex. Direct Parts Marking Techniques (Laser bond, ink jet, chemical etch, etc.)
- Determining location for IUID
- Ensuring the IUID does not have an adverse effect on safety or operations.
- Obtaining Engineering analysis/approval
- Documenting the decision process
- Delivering technical information
- Providing an audit trail for all decisions
- Identifying when the UID can be applied (ex. at Depot, in the field, etc.)
- *Created a process to determine, the safest, most technically appropriate, and cost effective IUID application*

# RCM Working Group

Systems Engineer



Test Pilot



Depot Rep

Flight Engineer



Equipment Manufacturer

Mechanic



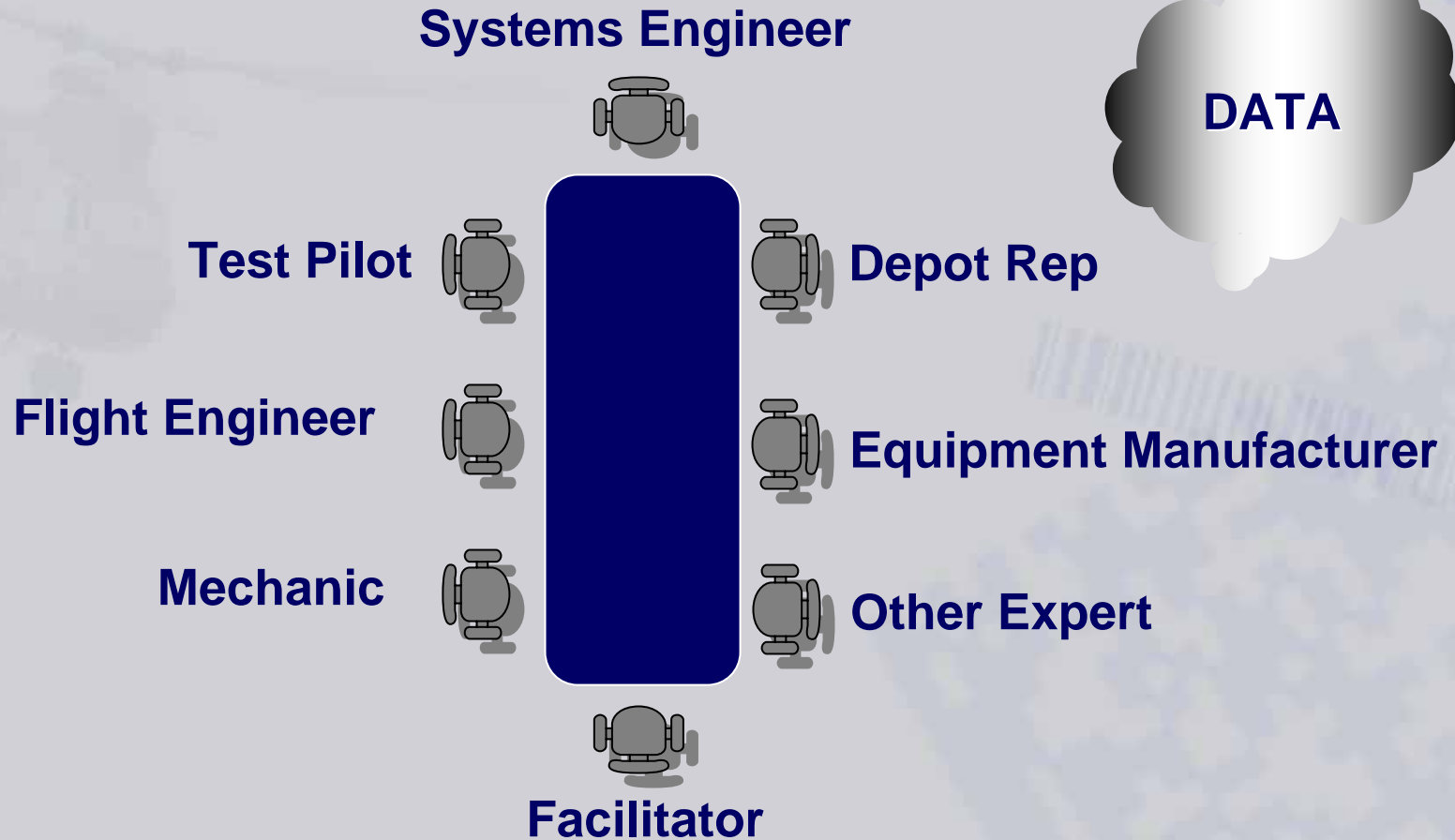
Other Expert



Facilitator



# UID Working Group



**Combines technical data and operational experience**

***Often the most truthful source of data***

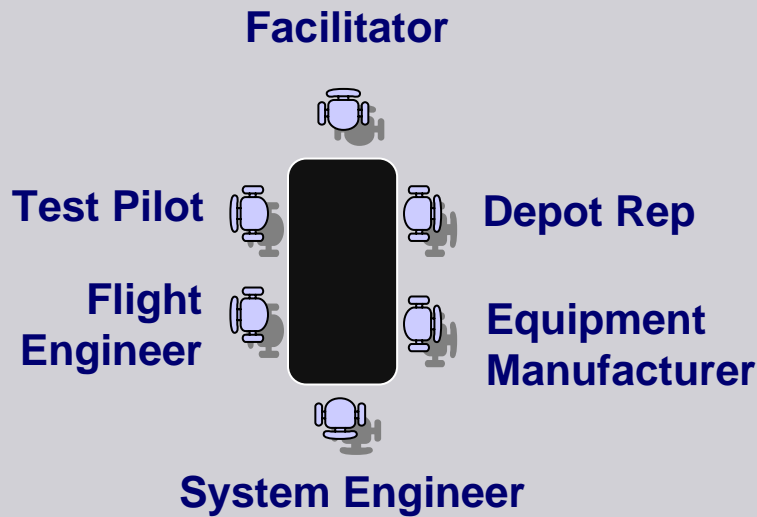
- There is a vast diversity amongst programs and operating environments
- Each IUID implementation is different – *that is* – unique





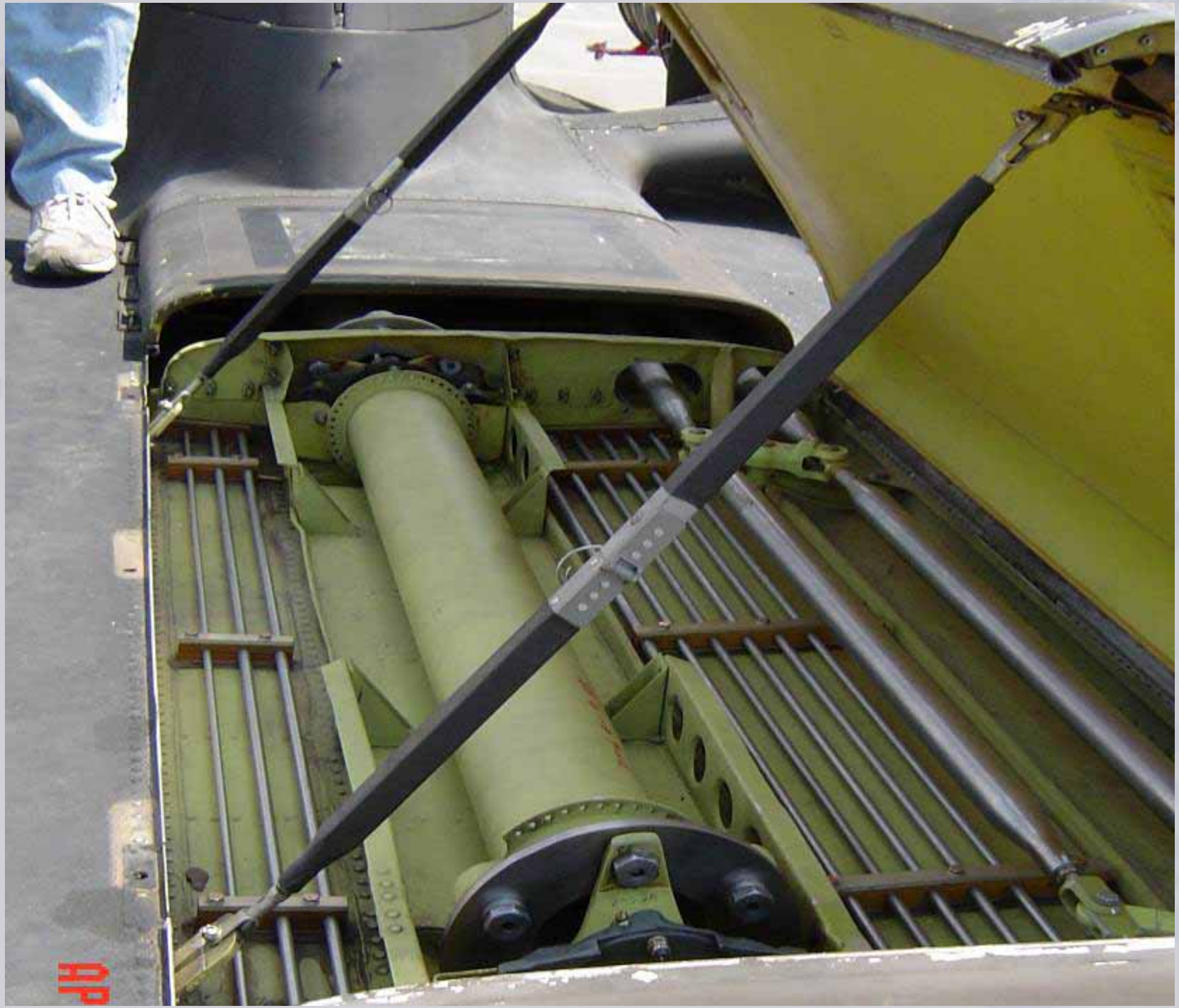
# U<sup>2</sup>ID Selector™

- **Parts marking solutions are identified using Reliability Centered Maintenance (RCM) techniques**
  - Systematic review of all failure modes, failure effects, and consequences of each marking opportunity



## Facilitated Group Approach

- Ensures the right people who are sensitive to the hazards of the equipment in its operating environment are the decision makers



APP

CH47-PM-03-001A

Date: 12-May-2005

**FWD Rotary Wing Blade**

**114R1702-37**

**Common Name: FWD Blade**

**Other Part Numbers:**

None

### **Unique Identification (UID) Labeling Procedure**

1. General guidance and installation procedures are contained in CH47-PM-00-000.
2. Label Determined: 2-Part Label: Small
3. Label Location: Place the labels on the damper attachment lug.
4. The photo below indicates the label locations.
5. Special Instructions: N/A





# “CH-47 Chinook: US Army’s Model UID Implementation Program”



**MEMO: 22 December 2004**

**Subject: *Implementation of Unique Identification (UID) Policy***

- Assistant Secretary of the Army, Mr. Claude Bolton, designates the CH-47 as the Army’s model UID implementation program

**MEMO: 12 May 2005**

**Subject: *Policy Update for Item Unique Identification...***

- The Under Secretary of Defense, Mr. Michael W. Wynne, “applauds the CH-47 (UID Program) program.”



**Nancy Regan**

**nancyregan@theforceinc.com**

**256-428-8868**

**www.TheForceInc.com**

