Job Performance Aids (JPAs)

Optimizing Performance Through Visual Learning

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Today’s Learning Environment

- Digital
- Dynamic
- Highly Visual
JPA Introduction

- Multimedia Tool (video, animation, narration, etc.)
- Designed for Experienced and Novice Personnel
- No Special Equipment Needed
- Knowledge Capture (mentoring segments)
- Many Uses
- Cost Savings
- Fast Development
Department of Defense JPA History

2002
First DoD JPA Specs & Standards Developed

2004
DLA Production Capabilities

100+ JPAs Developed Since 2004

Present
DoD Push for Self-Sustainment (JPACE)
Step k.3-4

k.3. Support the elastomeric bearing to prevent contact with the pitch horn and spindle threads. Position the elastomeric bearing on the main rotor spindle and align the wide spline on the main rotor spindle with the wide space on elastomeric bearing. Then, install the elastomeric bearing until bottom of the elastomeric bearing rests on the spindle assembly check fixture.

k.4. Remove masking tape from spindle shank threads.
JPA Examples:

F-18 Trailing Edge Flap Hinge Bearing
Step 5 Cut Flange and Mentor

F-18 Generator Control Unit (GCU)
Steps j.17 and j.18

H-60 Elastomeric Bearing Replacement
Steps 9-9.c and Mentor

MaxxPro Independent Suspension System (ISS) Installation
Step F.20.a Front and Rear Suspension Subframe Bolt Torquing and Mentor

AN/PAS-22 Line of Sight (LOS) Alignment Procedure
Steps 32-34

5KV Arc Chute Installation
Step 3 Tie Bar Installation and Mentor

T-56 Ring Gear Removal
Steps B, C, and D
Reasons for Growing DoD Interest

- Cost Savings
- Readiness Improvements
- Safety Improvements
- Compressed Knowledge Transfer
- Supports CPI and TOCR Initiatives
- Addresses the 4 Learning Styles
- Configuration Management
- Existing DoD Standards
- Speed of Development
Four Disciplines, One Interface

- Training
- Safety
- Technical Data
- Knowledge Capture
Where JPAs Best Fit

- High-Cost Process
- Readiness Impact
- Safety Issue
- Wide Network of Users Needing Assistance
JPA Development Sources

Check with your Agency

JPA Center of Excellence

Fleet Readiness Center Southwest
San Diego, California