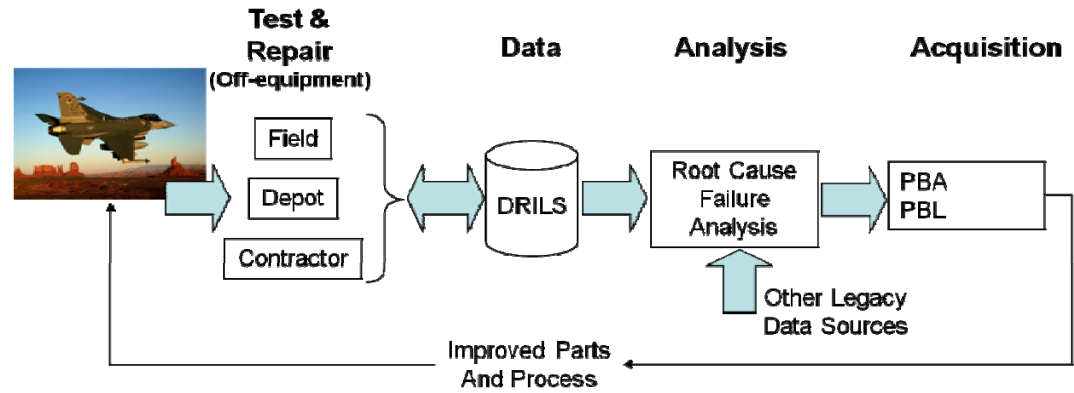


Performance Based Sustainment Model (PBSM)

Defense Repair Information Logistics System (DRILS)

- Repair data collection and retrieval
- Web-based, accessible world wide, easy to use
 - [.mil], [.gov], & [.com]; USAF Portal
- Serialized historical repair data visibility
 - Depot and contractor repair facilities
 - Field avionics intermediate shop
 - Promotes data sharing
- Depot data sent to REMIS (system of record)
- Meets T.O. 00-20-2 requirements
- Item identification information
 - NSN – PN – SN – CAGE – UII (in work)
- Configuration Information
 - WUC – MDS – SRD – Reference designator



Increased Availability Increased Warfighter Effectiveness

Root Cause Failure Analysis (Falcon Flex)

- F-16 avionics high cost; low reliability; obsolescence issues
- Developed as a new business practice to
 - Reduce sustainment costs
 - Increase system reliability & aircraft availability
 - Reduce obsolescence concerns
 - Enhance performance as a byproduct
- Drill Down analysis into LRU
 - Determine most effective corrective action
- Keys to success
 - Innovative analytical techniques
 - Countercultural corrective actions
- Cost avoidance (based on exchange cost) \$142M (Sep 2007)
 - Projected \$678M through life of F-16



Acquisition Support Model (ASM)

- Perform acquisitions without delay
- Contains acquisition document templates
- Answer three questions (IPT Program Manager)
- ASM lists required documents
- IPT answers detailed questions to fill data fields in documents
 - Data stored in database
- Documents generated and version controlled
- Decreases acquisition cycle time and costs
- Improves IPT productivity and continuity
- Expedites document review process
- Provides access to acquisition status
- Provides a complete acquisition history



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