



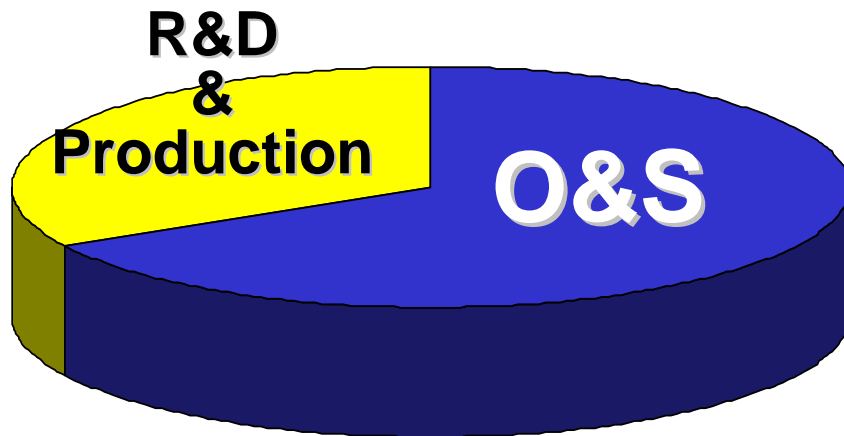
VISION

BE THE MODEL ACQUISITION PROGRAM FOR JOINT SERVICE AND INTERNATIONAL COOPERATION

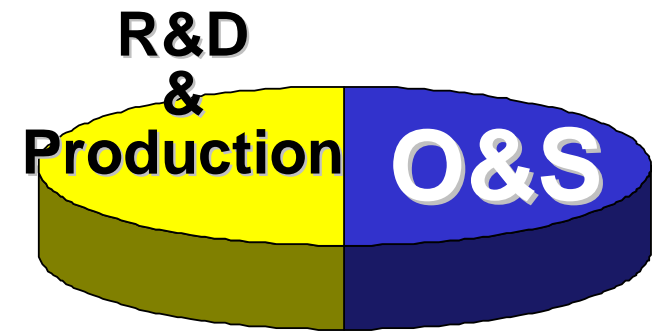
DEVELOP AND PRODUCE AN **AFFORDABLE NEXT GENERATION STRIKE FIGHTER WEAPON SYSTEM AND SUSTAIN IT WORLDWIDE**



Affordability Challenge



TODAY

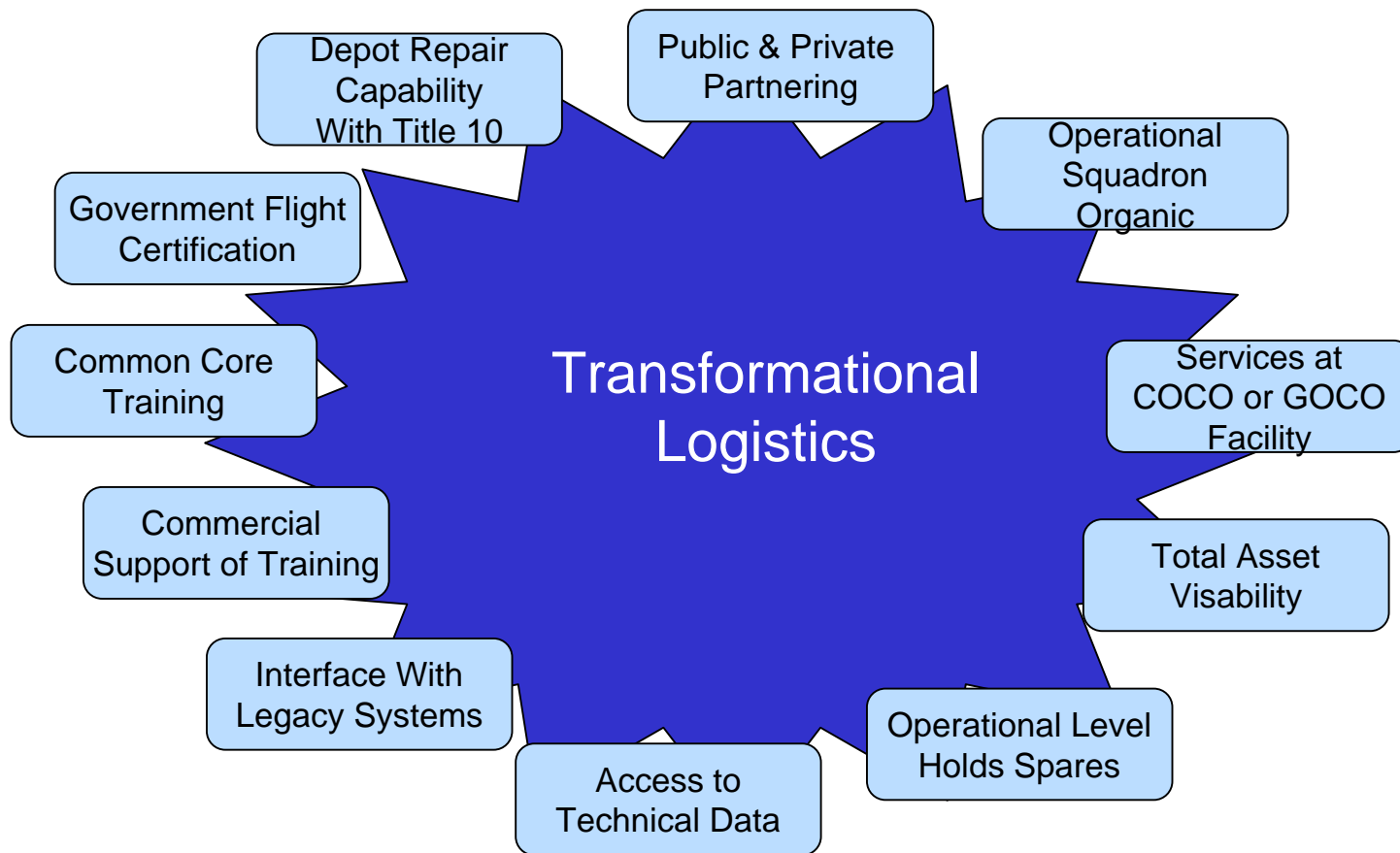


JSF

Note: O&S (Operations & Support) = Whole Life Support



Boundary Areas Changes



New Boundaries Establish the Tradespace for Logistics Transformation



Autonomic Logistics Vision



Autonomic Logistics Goal:

Provide Required Warfighting & Peacetime Capability With Lowest Cost of Ownership

Guaranteed Performance Offering

- Performance-Based Contracting

Contract Basis

- Pay for Use Instead of Failures

Contractor Responsibilities

- Organizational Level Support Equipment, JTD, ALIS HW/SW, & Spares
- Support Center & Training Center Ops
- Depot Level Maintenance & Repair/Return Management

Government Responsibilities

- Organizational Level Maintenance
- Training System Insight & Coordination

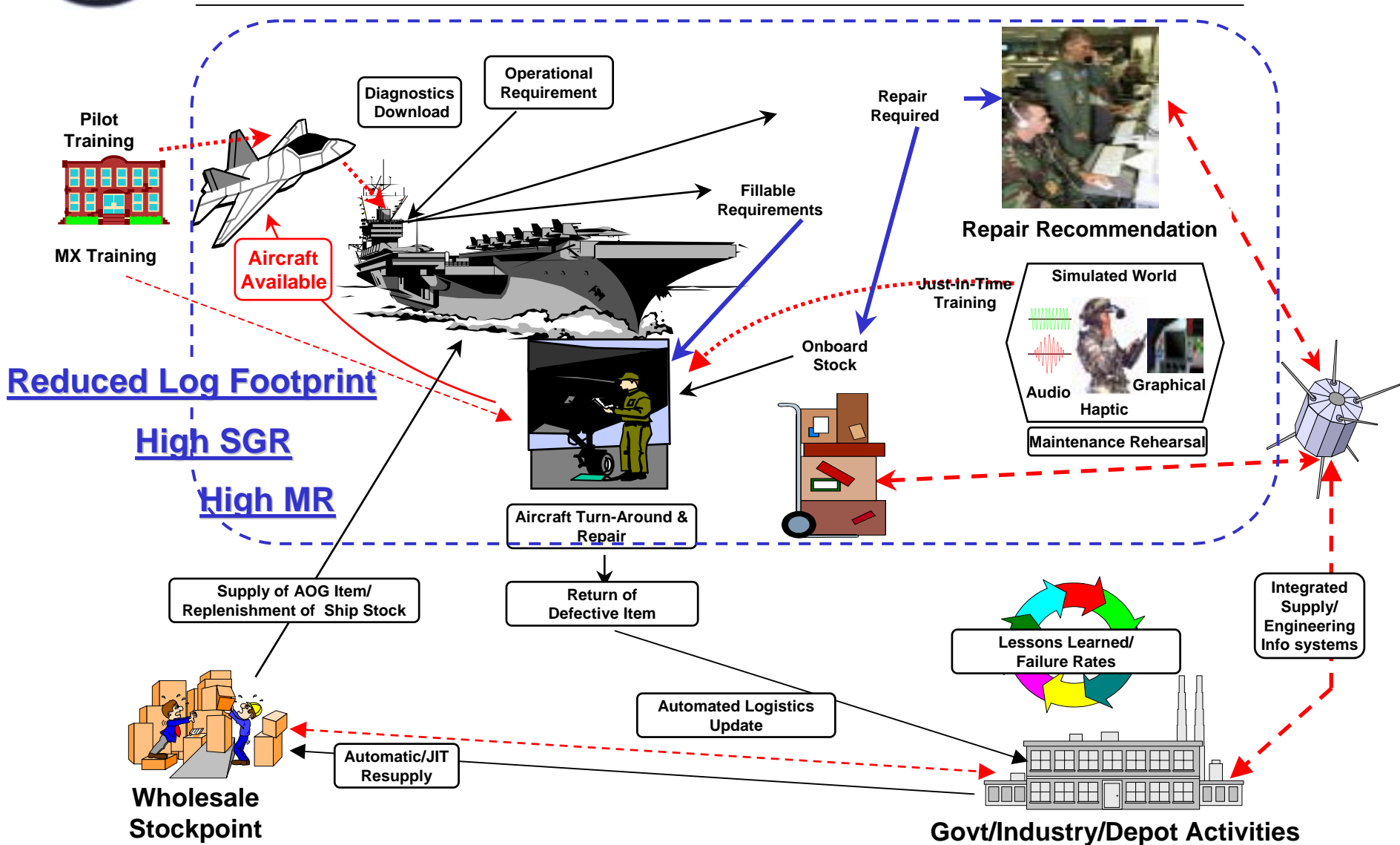
Achieved Through

- Air Vehicle Design
- Autonomic Logistics Design
- Tailored Implementation & Execution (AL Business Approach)





Autonomic Logistics CONOPS





Training System Deliverable Capability



Integrated Training Center (ITC)

Syllabi for

- Basic
- Transition
- Refresher
- Inst Under Trng

Pilot Entry Criteria

- T-38
- T-45
- Fighter Qual

Maintainers Entry Criteria

- A School
- Tech School
- Prev Qual Tech

Operational & Deployed



- Pilot Mission Rehearsal
- Maintainer Task Rehearsal
- Distributed Mission Training
- Web Based on Demand CBT
- Continuation Training
- Embedded Training

Electronic
Classrooms



Computer
Resource
Centers



Advanced
Simulation



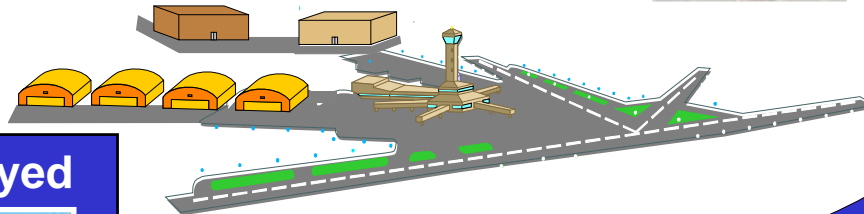
Individual Service
Training Squadrons



JSF Aircraft

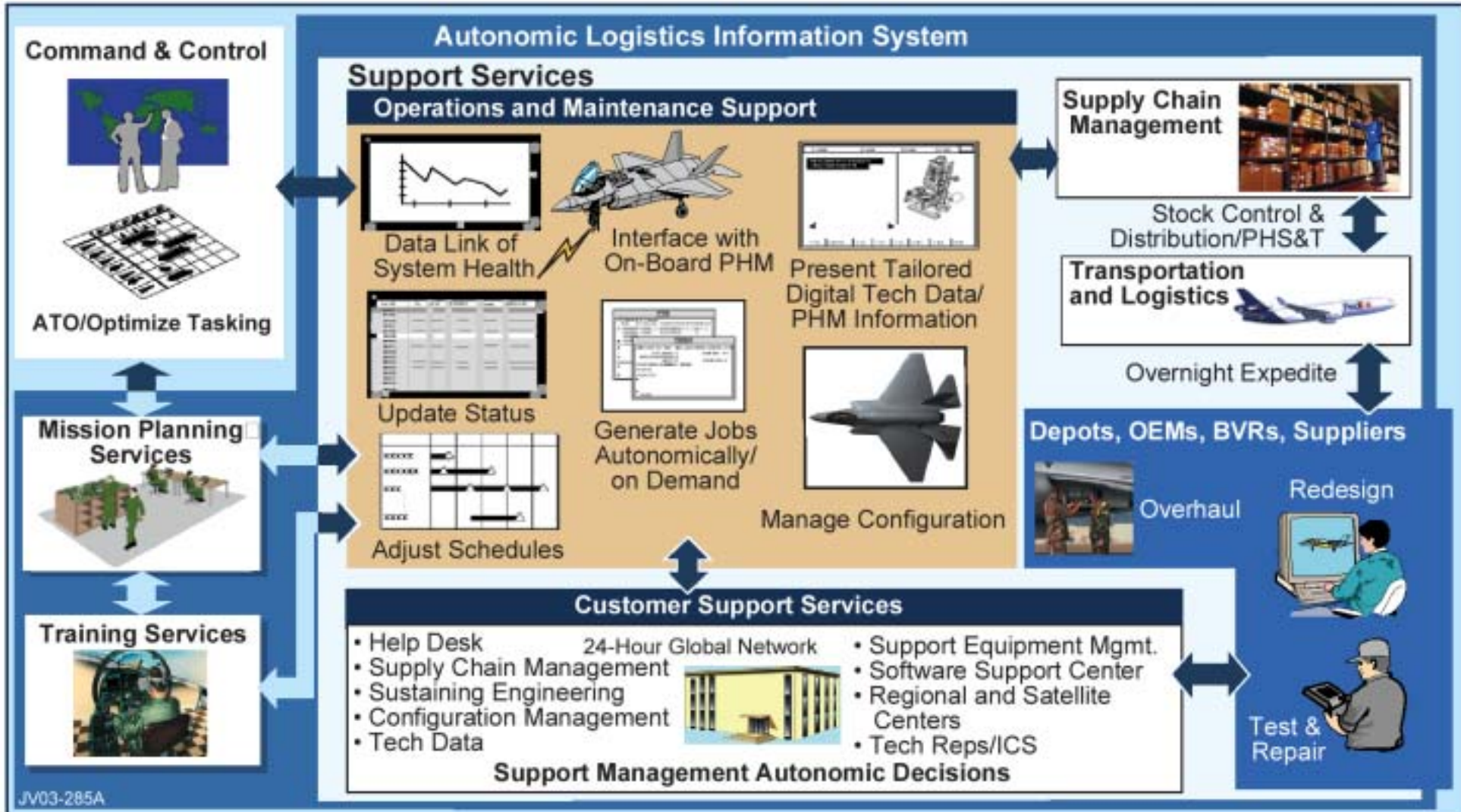


- Service-Unique Training
- Tactics/Weapons
- Embedded Training





ALIS Enables Autonomic Logistics Support





Integrated Products & Deliverables



Technologically Enabled Aircraft

- PHM
- R&M
- Design Interface
- Supportable LO

Solid Integrated Business Approach

- Lessons learned
- Analysis
- Trades
- Modeling / Simulation

ALS WARFIGHTER SUPPORT

Fully Compliant Autonomic Logistics System

- Support System
- Information System
- Training System
- Legacy Transparency

Implementation

- Business Approach Plan
- ALS Acquisition Plan
- ALS Long Lead Plan
- UK MOD Support Plan
- Prime Contract & Model Subcontract

Data Acquisition & Evaluation

- DAE Plan
- Analysis Tool Utilization Plan
- Trade Study & Analysis Plan
- Data Resource Catalogue
- SEM Risk Mitigation Plan

Government & Industry Partnering

- Depot Maintenance Plan
- DSOR Process Document
- Model Partnering Agreement
- Propulsion System Sustainment Plan

Business Operations

- Business Operations Plan
- CSS/RCS/SSC Operations Trade Study

Business Communications

- Business Communications Strategy
- Contact & Communications Plan
- Lessons Learned Study

**Business Approach Is Key to
Best Value Life-Cycle Support**



JSF End State



**Warfighter Flies
& Fights**



**LM Team Delivers
Guaranteed
Performance**

Performance-Based Logistics Prime Contract With the Government

- **Single Contract for Support & Training in Sustainment**
- **Long-Term Government Commitment**

Basis

- **Guaranteed Mission Capable Rate at Dollar/Flight Hour**
- **Guaranteed Training System Availability**



Attributes

- **PBL Flow-Down to OEMs**
- **OEMs Team With Government Depots for Title 10 Compliance**
- **LM Team Ownership of (ALS) Resources**
- **Customer Support Services**
- **Integrated SCM With TAV**



Issues & Challenges



- **Horizontal & Vertical Integration**
- **Balanced Design**
- **Service Acceptance of Best Value ALS Solutions**