

Oklahoma City Air Logistics Center

Developing, Fielding, and Sustaining America's Aerospace Force



U.S. AIR FORCE

2004 DoD Maintenance Symposium & Exhibition Local Manufacture

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Integrity - Service - Excellence



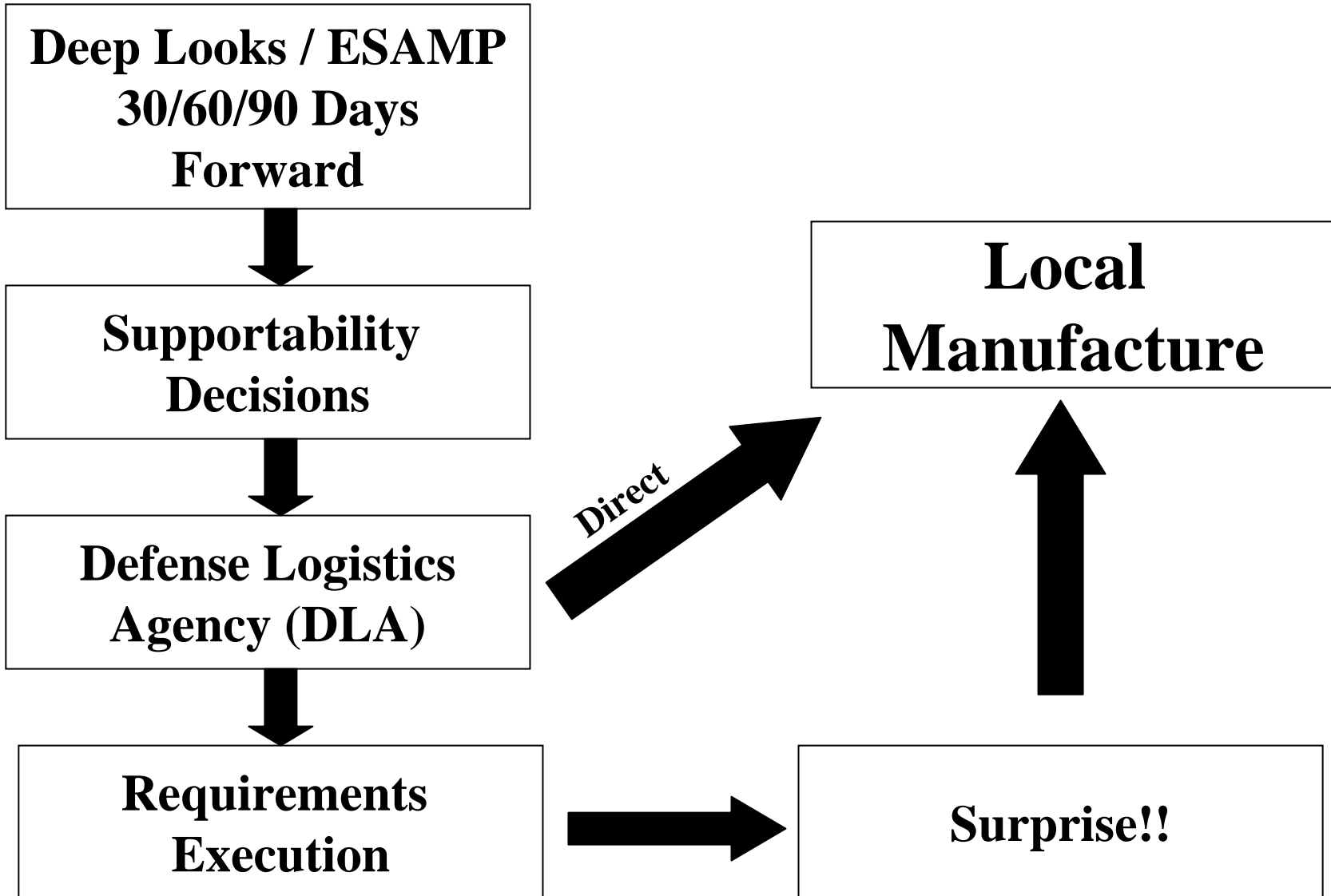
Overview



- **Decision Process**
- **Tomorrow's Technology Today**
- **OC-ALC/MAN Manufacturing**
- **Customers**
- **FY04 Statistics**
- **Success Stories**
- **Summary**



Decision Process





Tomorrow's Technology Today



- **Modern 5-Axis Machining Centers**
- **5-Axis Bridge Mill**
- **Computer Numerical Control (CNC) Wire-Feed Electrical Discharge Machine**
- **Co₂ Laser**
- **Tubing & Cable Facility**
- **Sheet Metal Facility**
- **Electrical Cable Facility**
- **Advanced Composite Facility**



OC-ALC/MAN Manufacturing



- **Core Competencies**
 - Major Structural Aircraft or Engine Parts
 -
- **Employs 200 people**
 - **9 Shops**
 - 3 Shifts
 - 7 Days per week
- **Skilled Workforce**
 - **Technical Skills**
 - **Engineering Support**
 - **Quality Support**



Customers



- **Internal**
 - OC-ALC/MAE, Engine Production Division
 - OC-ALC/MAB, Aircraft Division
 - OC-ALC/MAMD, Depot Supply
- **External**
 - **Support all Weapon Systems**
 - B-52, KC-135, B-1, E-3
 - Navy E-6
 - **Defense Logistics Agency (DLA)**
 - **Other Air Force Bases**
 - **Contractors**



FY04 Statistics



- **Workload Requirements**

- **Internal Customers**

- Manufacturing exceeded Requirements by 78K hours thru EOM Aug 04

- **Temporary Work Requests Processed** **4,711**

- Manufactured 57,816 parts **\$23M**

- Averaged one work/line stoppage per day from internal customers

- **External Customers**

- Stock Funds issued to Manufacturing during FY04 **\$12M+**



Success Stories



- **B-52G to H Strut Conversion**
- **B-52 Side Cowling**
- **B-52 Nose Cowling**
- **E-3 Modification on TS-3 Training Aircraft**
 - Currently 26 days ahead of schedule
- **E-3 Urgent Request to Manufacture Inserts**
 - First Part Delivered Five Days After Receiving the Work Request



5-Axis Bridge Mill



Manufactures Fittings and Blocks



Stretch Wrap Former



Prototypes and Manufactures Aircraft Skins and Frames



Summary



- Local Manufacturing provides an agile work force with a proven record whose assistance has allowed its customers to:
 - Meet Production Requirements
 - On Time
 - Within Cost
 - Maintain a High Standard of Quality



PROCESS FLOW

