

## Keith Jackson

Holts Summit, MO 65043 | 312-371-9472 | [kobekeith8@yahoo.com](mailto:kobekeith8@yahoo.com) | LinkedIn

### MANUFACTURING ENGINEER

Committed to the manufacturing engineering profession for 15+ years providing services and increasing productivity, quality, safety, and customer satisfaction. Successful in creating a Lean culture and driving continuous improvement. Utilizing performance metrics to accurately gauge the health of an organization & pinpoint areas for enhancement.

### CORE COMPETENCIES

Lean Manufacturing | Engineering | Production Management | Quality Assurance | Safety Management  
Customer Service | Performance Metrics | Continuous Improvement | Fabrication | Manufacturing

### PROFESSIONAL EXPERIENCE

**The Boeing Company, St Louis, MO**

**06/2008 – 01/2025**

#### **Composite Manufacturing Engineer (Lead), (08/2021 – Present)**

Provide production support for the Composite Fabrication Center for multiple programs (777X, F-15, F-18, & AAS). Generate, review, and approve fabrication/tooling plans and orders for the Manufacturing Composite team. Collaborate with the finance team, producing quarterly Tooling financial reports.

- Standardized work instructions for ME Team. Participated in process improvements on the production floor.

#### **F-15 Manufacturing Engineer (Ex-Pat South Korea), (08/2019 – 06/2021)**

Provided production support for F-15 major assemblies at Korea Aerospace Industries (KAI) in Sacheon, S. Korea. Oversaw technical support of Forward Fuselage and Wings through engineering and process interpretation and clarifying requirements to the supplier. Maintained relationships between the supplier and Boeing engineering teams by acting as the key point of contact between the parties.

- Coordinated engineering issues affecting F-15 production at KAI and determined priority levels through weekly status with supporting organizations.
- Supported tool nonconformance resolution and reviewed the impact of tool change orders.

#### **Weapons – Manufacturing Engineer (Integrated Product Team), (05/2017 – 08/2019)**

Provided production support for all weapons (SDB, JDAM, MOP, etc.) creating work instructions, MBOMs, and tool orders. Created all Warranty/Non-Warranty MBOMs and work instructions for field returns. Developed build plans for weapons. Harnessed tool orders by creating standard templates to improve the cycle time of tool order process.

#### **777X – Manufacturing Engineering (Design/Build Team), (04/2015 – 05/2017)**

Coordinated, designed, and supported build plans for 3 major commodities for the 777X aircraft. Implemented build plans for the Flaperon, Flaperon Hinge Panel, and Inboard Droop Panel. Developed and uploaded index and datum plans for the 777X team. Created SPECOs and tool orders for Folding Wing Tip.

#### **787 Engineering Optimization Team, (01/2016 – 12/2017)**

Monitored, addressed, and updated Engineering Tracking and Control events to meet customer need dates and engineering requirements and production. Created and updated electrical planning for the 787 program.

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### **F-15 Manufacturing Engineering (Center-Fuse – Integrated Product Team), (03/2013 – 04/2015)**

Supported F-15 Center Fuselage aircraft by integrating planning changes, tool orders, corrective actions, PIRs (Process Improvement Requests) Engineering Orders (EOs), Drawing Change Notifications (DCNs), and VARs which includes: Rejection Reports (RRs), Non-Conformance Rejection Reports (NRR), Change Configuration Inspections (CCIs), Sub Contract Memos, planning changes and updates, graphic and build instruct aid updates, and tool orders.

- Completed 25% of team's year-end goal (2013) of Corrective Action from NRR Inventory.
- Implemented Leo (F-15 Singapore) planning, 90% of drawing changes, and tool orders.
- Supported F-15 I&R and provide NOIs (Notice of Interchangeability) tools for all interchangeable parts for the Center Fuselage.

### **F-15 Manufacturing Engineering (Center Fuse – Product Support Team), (09/2011 – 03/2013)**

Supported (2) workstations (Drilling, & Skinning/Ream Install Stations), provided workstation support daily by posting and planning Rejection Reports (RR), Non-Conformance Rejection Reports (NRR), Configuration Change Incorporations (CCI), and Orange Stripes. Created general planning changes and updates, performed peer checks, and issued tool orders. Updated graphics and build instruct aids. Supported F-15's compliance Tool Burn-down drive (4 workstations).

- Reduced total backlog by 50% on Callboard, Action Tracker, and Action Board items.
- Served as a full voting member of HPWO (High Performance Work Organization).
- Obtained Level 4 status and a Member of Six Sigma Green Belt Team to improve the assembly fit of FS603 Duct Ring with savings of \$21K.

Additional Titles: **F-15 Production Support Mfg Eng. (SPARES F-15, F-18, C-17, & T-45 | F-15 ISE Function and ME CORE Group)**

## **EDUCATION & CREDENTIALS**

**Master of Science (M.S.), Industrial Engineering** – Southern Illinois University in Edwardsville, Edwardsville, IL

**Bachelor of Science (B.S.), Manufacturing Engineering** – Central State University, Wilberforce, OH

**Lean Systems Certification** – The University of Kentucky (Virtual)

**CATIA | Unigraphics, Team center Vis mockup, Model-Based Work Instructions**

**Geometric Dimensioning and Tolerancing ASME Y14.5-2009 | High-Performance Work Organization (HPWO) Member**

**Lean Manufacturing, Redesigns & Affordability Projects | Sheet Metal Assembler and Riveter (SMAR)**

## **LEADERSHIP ROLES & PROFESSIONAL MEMBERSHIPS**

- Boeing Basketball Club – Member & President, (2010 – 2015)
- Big Brothers Big Sisters – Mentor, (2009 – 2011)
- North County Christian School – Assistant Basketball Coach, (2013 – 2018)