

COMMERCIAL JET MANUFACTURER

## Commercial Aviation

*Project  
Management*



*Mechanical  
Engineering*



## LEAN & CONTINUOUS IMPROVEMENT ENGINEERING SUPPORT TO ANALYZE AND OPTIMIZE OPERATIONS

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### APPROACH

- Develop and implement product and process improvement projects
- Use lean methodologies to reduce waste and improve work environment
- Develop metrics to evaluate efficiency and program trend lines
- Evaluate processes to find recurring issue root causes
- Implement kaizen to resolve key issues

### RESULTS

- Optimized manufacturing processes
- Identified major waste and cost centers
- Reduced manufacturing costs across relevant work areas
- Reduced number of rework hours and schedule impacts for parts in final assembly
- Implemented containment actions and long-term corrective actions to solve recurring issues in processes
- Reduced labor in target department by 40%

### KEY TOOLS & TECHNOLOGIES

- Microsoft Office tools
- CATIA
- ERP (CAMPS Shop, Falcon Trac, Trackstar)

**ALTEN TECHNOLOGY**