

TEST STATION DEVELOPMENT SUPPORT

Aerospace

Aerospace &
Aeronautics



Quality
Management



Lean
Manufacturing



PRACTICAL PROBLEM SOLVING (PPS) IN THE QUALITY MANAGEMENT SYSTEM

APPROACH

- Assist the client with streamlining the existing PPS backlog and PPS maturity in operations and quality. Integrate into the client database of PPS through Skywise, creating a tracker and pager, and scheduling multi-functional team meetings for successful implementation and closure of PPS
- Monitor operational performance and management reviews by managing KPIs in place, SQCDP meetings, weekly performance reviews, corrective action meetings, and production progress follow-up meetings
- Create PPS local training, subject matter experts, awareness, adherence to process, and QPS implementation

RESULTS

- Developed PPS capabilities in operations and quality teams, ensuring compliance with AOS and client confidence in the quality management system
- Developed a PPS master tracker, drove closure of critical PPSs within the site, and conducted performance evaluations as PPS focal point
- Identified SMEs (PPS owner and solving leaders), developed training material, delivered weekly PPS training for PPS maturity within the site, and ensured KPIs were in place to align the flowline quality standards with FOT, cost, and lead-time targets across final assembly line departments
- Reduced PPS backlog and ensured new PPS only opened through risk prioritization evaluation and criteria assessment grids

KEY TOOLS & TECHNOLOGIES

- Skywise, SAP, Google Suite, and PPS Tool

ALTEN TECHNOLOGY