

LEAN PRODUCTION OPERATION

Commercial Aviation

Project
Management



Quality
Assurance



Manufacturing
Engineering



LEAN EFFICIENCY PROGRAM TO DOUBLE FACTORY THROUGHPUT

APPROACH

- Ramp up team of 44 manufacturing engineers at two major FALs
- Perform initial time studies and general characterization of manufacturing process for baseline performance assessment and improvement opportunity identification
- Implement lean manufacturing methodology and tools to double production throughput, including work cell process flow optimization, pull system with kanban min/max material staging, visual factory concepts, and tooling implementation
- Oversee all ALTEN Technology program activities with manufacturing engineering leadership and technical PMs
- Anticipate double throughput and significant overall cost reduction

RESULTS

- Increased team size substantially with quick ramp-up of initial core team in four weeks and subsequent ramp-up to full team size in two months
- Key success factors
 - > Skilled in STV clocking
 - > Experienced consultants with client process knowledge
 - > Process performance mindset and calculation quality
 - > Effective communication with production
 - > Lean and performance mindset with VA/NVA skills
 - > Strong soft skills, including proposal strength and pro-activity

KEY TOOLS & TECHNOLOGIES

- SAP, Skywise, AIRINA

ALTEN TECHNOLOGY