

## MAJOR AIRCRAFT OEM

### Commercial Aviation Manufacturing & Industrial Engineering

#### ALTEN ADDED VALUE

- PFMEA expertise
- Recommend actions for process improvements
- Identify SOI discrepancies
- Established strong relationships with the operations team and leadership
- Facilitate MFT meetings
- Action item tracking

#### KEY TOOLS & TECHNOLOGIES

- PFMEA methodology
- Project management
- Lean manufacturing tools
- APQP, SAP Pam, Airina
- Google Suite

#### KEY DATA

- Team Size: 5 Manufacturing Engineers
- Time: Since 2023
- Location: Mobile, AL
- Manufacturing Engineering Services

**ALTEN TECHNOLOGY**

## PFMEA MANUFACTURING

#### OVERVIEW

- Evaluated shop floor processes and identified areas that needed improvement
- Client's need for PFMEA creation for APQP
- Approximately 90 processes were identified and ranked based on customer needs

#### PROJECT DETAILS

- Create PFMEA based on inputs provided by the client: SOI, routings, work order, and process specifications
- Prepare and present weekly updates to stakeholders
- Surveil each assembly process by shadowing technicians on the shop floor
  - > Interact with Quality and Manufacturing Engineering groups
  - > Establish good relationships with MFT members and leadership
- Facilitate MFT meetings in which the Airbus team can validate PFMEA
- Perform internal review of PFMEAs before ALTEN team leader
  - > Remote ALTEN PFMEA specialist
- Create COM sheets for action item tracking after Airbus approval
- Re-visit and update PFMEAs as recommended actions are implemented
- Coordinate scheduling of MFT meetings by working closely with Operations leadership

