

Case Study: Tooling Manufacturer Sao Paulo, Brazil

Opportunity

- The program was in critical state when TPT was asked to join the tooling development team. TPT conducted a program work out with the tooling supplier and OEM to develop clear communications and to establish a baseline for program management. TPT program managers took the lead on the program and established the necessary program management tools to complete the program on time and within budget.

Scope

- Ensure tools were completed on time and within budget.
- Conduct DFMEA.
- Test parts with the production process to ensure compatibility.

Successes

- Program timing was stabilized with clear deliverables in a staged gate process.
- Incomplete OEM engineering was resolved and DFMA conducted, requiring some engineering changes.
- Tool Masters and (1) set of tools developed and tested.
- First set of parts off tool fit the fuselage without additional rework.
- Developed and implemented a manpower schedule which increased productivity and throughput.
- New parts off tool substantially reduced fuselage fitment effort and increased throughput.

