

Case Study: Light Jet Manufacturer Albuquerque, New Mexico

Opportunity

- A start-up manufacturer of very light jets had critical supply chain issues which continually impacted productivity. This included parts shortages, travelled work and non-conforming materials. Suppliers complained of stop-go type instructions from the manufacturer. TPT co-located with our client and provided leadership and support for critical shortages.

Scope

- Schedule Definition and Communication.
- Critical Characteristic development and re-submission of First Articles.
- High Impact Supplier Audits (90 in total), Self Audit for remainder.
- Supply Chain Portal including dashboard and scorecards.
- Four suppliers selected for Red-to-Green development conducted by TPT.
- Configuration management support for suppliers (Change Management).
- Senior management communication for planning and development.

Successes

- Increased production by over 400%.
- Incoming product defect rate reduced by more than 70%.
- Supplier caused NCR's to drop by a factor of 4.
- Obsolescence associated with change significantly reduced.
- Ongoing supplier management processes defined and implemented.

