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Case Study

Aerospace Engine OEM
(Onsite Support at Supplier Locations)

Client Overview

One of the largest aerospace engine OEMs in the world, with over \$15b in annual revenue. Client's suppliers provide large housings casting, turbine component castings, composite fabrication, gears, splines, and forgings.

Customer Challenge

Supplier performance challenges in quality and delivery.

Example 1:

Casting Supplier

Large housing supplier was running over 6 months late to schedules, and hardware had a quality reject rate over 45%.

Example 2:

Turbine Blade Track Component Supplier

MRB data indicated that >95% of parts were rejected at first pass for being out of tolerance on two features on each part.

Belcan Solution

14 Manufacturing Engineers providing onsite quality and delivery assurance support at supplier locations on two features on each part.



Project Outcome

Example 1:

Casting Supplier

Delivery: Delinquent balance reduced 140+ days

Quality: Reduction in reject rate from 45% to < 9%

Example 2:

Turbine Blade Track Component Supplier

Quality: MRB rate reduction from >95% to < 2%

Cost: \$500K annual cost savings (\$300k labor & \$200k inventory)

See how Belcan's integrated and adaptive engineering services can work for you.

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