



AS9100D Readiness Snapshot – Summary of Findings

Client: Example Aerostructures Ltd (fictional sample) | Scope: Machining & sub-assembly of aerostructure components | Assessment: 1-day remote

Executive summary

Example Aerostructures operates a mature ISO 9001-based QMS, but several aerospace-specific AS9100D requirements are not yet fully implemented. Overall readiness is rated 2.9 / 5 (Developing); the highest-risk gaps sit in Operation (Clause 8), notably counterfeit parts prevention, configuration management and first article inspection. With focused effort, certification audit readiness is achievable in approximately 4–6 months.

Maturity by clause group (AIMM-style scale: 1 Initial – 5 Optimised)

Clause group	Score (1–5)	RAG	Key observation
Context & Leadership (4–5)	3.5	Green	Scope, policy and objectives defined; customer/regulatory requirements well captured.
Planning (6)	3.0	Amber	Risk register exists but operational risks not linked to actions or reviewed.
Support (7)	3.0	Amber	Competence records good; awareness of product safety & ethics not evidenced.
Operation (8)	2.0	Red	Counterfeit, configuration, FAI and key characteristics controls largely absent.
Performance Evaluation (9)	2.5	Amber	OTD and quality KPIs tracked; internal audit not process-based.
Improvement (10)	3.0	Amber	NCR/CAPA in place; human-factors root cause not considered.

Top 5 priority gaps

#	Gap	Clause	Risk	Recommended action
1	No counterfeit parts prevention process or approved-source controls	8.1.4	High	Implement procedure per AS5553/AS6174; train staff; verify sources.
2	Configuration management not defined; drawing revisions uncontrolled on shop floor	8.1.2	High	Define CM plan; link ERP/drawing control; point-of-use revision checks.
3	First Article Inspection not performed to AS9102 format	8.5.1.3	High	Adopt AS9102 forms; define FAI triggers; train inspectors.
4	Key characteristics not identified or monitored	8.1.1 / 8.3	Medium	Flow down KCs from customer; add to control plans with SPC.
5	Product safety not addressed in planning or awareness	8.1.3	Medium	Define product-safety process; include in induction & awareness.

90-day plan (excerpt)

Phase	Focus	Key deliverables
Days 1–30	Quick wins & ownership	Assign gap owners; counterfeit-parts procedure; CM plan draft; product-safety awareness briefing.
Days 31–60	Implement controls	AS9102 FAI rollout on new parts; KC flow-down and control plans; risk register linked to actions.
Days 61–90	Verify & embed	Process-based internal audit of Clause 8; management review; readiness re-assessment.

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