

PAH and PMA Quality System Cross Reference Matrix

FAA AC 21-43 10/1/15 Quality System (a – o)	FAR	ISO 9001 & AS9100 Quality Manual Paragraph Numbers	Procedure Number (see PAH-PMA kit)
2.3 Design Data Control:	21.137(a)		
2.4 Document Control:	21.137(b)		
2.5 Supplier Control:	21.137(c)		
2.6 Manufacturing Process Control: 2.7 Inspection and Testing:	21.137(d) 21.137(e)		
2.8 Inspection, Measuring and Test Equipment Control: 2.9 Inspection and Test Status:	21.137(f) 21.137(g)		
2.10 Nonconforming Product and Article Control:	21.137(h)		
2.11 Corrective and Preventive Actions:	21.137(i)		
2.12 Handling and Storage:	21.137(j)		
2.13 Control of Quality Records:	21.137(k)		
2.14 Internal Audits:	21.137(l)		
2.15 In-Service Feedback:	21.137(m)		
2.16 Quality Escapes:	21.137(n)		
2.17 Issuing Authorized Release Documents:	21.137(o) when applicable		

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PART 21 PMA Regulations

CFR Part 21 Regulation	ISO 9001 & AS9100 Quality Handbook Paragraph Numbers	Procedure Number (see PAH-PMA kit)
21.3 Reporting of Failures, Malfunctions and Defects:		
21.305 Organization:		
21.307 Quality System:		--
21.308 Quality Manual:		--
21.309 Change to Manufacturing Facilities:		
21.310 Inspections and Tests:		
21.316 Responsibility of Holder; AC 21-43:		
21.319 Design Changes:		
21.320 Changes in Quality System:		
45.15 (45.2)		

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FAA Risk-Based Assessment of Applicants

FAA Order 8120.22 Risk-Based Resource Targeting	Technical Indicator	ISO 9001 & AS9100 Quality Handbook Paragraph Numbers
1) Quality System:	Certified ISO 9001 or AS9100	See ISO/AS QMS Certificate#
2) Supplier Control Processes/Procedures:		
3) Nonconforming Material Processes/ Procedures:		
4) Corrective and Preventive Action:		
5) Product/Part Configuration Control:		
6) Manufacture/Inspection Outsourcing:		
7) Design/Configuration Outsourcing:		
8) Testing/Validation Outsourcing:		
9) Stability of Suppliers		
10) Suppliers of Flight Critical Parts:		
11) Supplier Audit History:		
12) Workforce Reduction/Growth/Turnover		
13) Turnover of Critical Staff		

FAA Order 8120.22 Risk-Based Resource Targeting	Technical Indicator	ISO 9001 & AS9100 Quality Handbook Paragraph Numbers
14) Change in Key Management:		
15) Company Merger or Takeover		
16) Documented Agreement with FAA:		
17) Constructive Relationship with FAA:		
18) Applicant Identified Noncompliances:	In the past 3 years, have corrective actions been required due to applicant identified noncompliances with the airworthiness requirements and/or production/distribution of nonconforming parts?	
19) FAA Identified Noncompliances:	In the past 3 years, has the FAA identified noncompliances with regulations and/or quality procedures?	
20) Enforcement Action History:	In the past 3 years, have identified noncompliances with the regulations and/or quality procedures resulted in enforcement action(s)?	
21) Demonstrated Independent Show Compliance:		

FAA Order 8120.22 Risk-Based Resource Targeting	Technical Indicator	ISO 9001 & AS9100 Quality Handbook Paragraph Numbers
22) Safety Management System:	Does the applicant have an SMS in place that incorporates attributes of the AIR SMS-Provider documentation?	
23) Employee Safety Training:	Does the organization support and document an employee training program that promotes safety?	
24) Accident/Incident Investigation Program:	Does the organization have a documented and experienced accident/incident investigation program?	
25) Continued Operational Safety:	To what extent has the applicant demonstrated a positive approach to Continued Operational Safety issues?	
26) Continuous Improvement:	Does the company support a continuous improvement environment?	

FAA Order 8120.22 Risk-Based Resource Targeting	Technical Indicator	ISO 9001 & AS9100 Quality Handbook Paragraph Numbers
27) Complex Part/Product/Assembly:		
28) Complex Manufacturing Process:		
29) Complex Testing Program:		
30) Injury/Fatal Accident Design Factor:		
31) AD/SAIB Design Factor:	Have the same or similar designs been factors in the issuance of an Airworthiness Directive (AD) or a Special Airworthiness Information Bulletin (SAIB)?	
32) SUP/SDR History:		
33) Level of Experience:	How experienced is the applicant in designing, manufacturing, and testing the part, similar products, and/or similar modifications?	
34) New/Emerging Technology:	To what extent does the applicant propose to use new or	

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