

Requirements Correlation Matrix

**International Aerospace Quality Group (IAQG)
AS/EN/JISQ 9100:2016 (Rev D)**

VS

**Federal Aviation Administration (FAA)
Code of Federal Regulations (CFR) 14 - Part 21**



Introduction

This document has been created by the IAQG 9100 writing team to provide detailed correlation between the requirements of AS/EN/JISQ 9100:2016 (Rev D), and the Federal Aviation Administration (FAA) Code of Federal Regulations (CFR) 14, commonly known as FAA Part 21.

The information contained within this document can be used to provide correlation when comparing requirements between the respective standard/regulation, it is not intended to provide exact equivalency or assumed acceptable means of compliance between the stated requirements.

This information may be useful for example when: organizations are determining their management system requirements, audit program managers are expressing audit scope and criteria, auditors are developing their audit plan/preparing questionnaires etc.

This document comprises of two sections:

- Section 1 - Correlation of the FAA Part 21 paragraphs to each of the 9100:2016 (Rev D) clauses
- Section 2 - Correlation of the 9100:2016 (Rev D) clauses to each of the FAA Part 21 paragraphs

Section 1 - Correlation of the FAA Part 21 paragraphs to each of the 9100:2016 (Rev D) clauses

9100:2016 (Rev D)		FAA Part 21:2017	
Clause #	Clause Title	Paragraph #	Paragraph Title
4.	CONTEXT OF THE ORGANIZATION		
4.1	Understanding the Organization and its Context	21.146	Responsibility of holder
		21.316	Responsibility of holder
		21.616	Responsibility of holder
4.2	Understanding the Needs and Expectations of Interested Parties	21.2	Falsification of applications, reports, or records
		21.3	Reporting of failures, malfunctions, and defects



		21.4	ETOPS reporting requirements
		21.5	Airplane or Rotorcraft Flight Manual
		21.6	Manufacture of new aircraft, aircraft engines, and propellers
		21.7	Continued airworthiness and safety improvements for transport category airplanes
		21.8	Approval of articles
		21.9	Replacement and modification articles
		21.13	Eligibility
		21.15	Application for type certificate
		21.16	Special conditions
		21.17	Designation of applicable regulations
		21.19	Changes requiring a new type certificate
		21.20	Compliance with applicable requirements
		21.21	Issue of type certificate: normal, utility, acrobatic, commuter, and transport category aircraft; manned free balloons; special classes of aircraft; aircraft engines; propellers
		21.24	Issuance of type certificate: primary category aircraft
		21.25	Issue of type certificate: Restricted category aircraft
		21.27	Issue of type certificate: surplus aircraft of the Armed Forces
		21.29	Issue of type certificate: import products
		21.33	Inspection and tests
		21.35	Flight tests
		21.39	Flight test instrument calibration and correction report

		21.41	Type-certificate
		21.43	Location of manufacturing facilities
		21.47	Transferability
		21.49	Availability
		21.50	Instructions for continued airworthiness and manufacturer's maintenance manuals having airworthiness limitations sections
		21.51	Duration
		21.53	Statement of conformity
		21.55	Responsibility of type certificate holders to provide written licensing
		21.73	Eligibility
		21.75	Application
		21.77	Duration
		21.79	Transferability
		21.81	Requirements for issue and amendment of Class I provisional type
		21.83	Requirements for issue and amendment of Class II provisional type
		21.85	Provisional amendments to type certificates
		21.95	Approval of minor changes in type design
		21.97	Approval of major changes in type design
		21.99	Required design changes
		21.101	Designation of applicable regulations
		21.113	Requirement for supplemental type certificate
		21.115	Applicable requirements



		21.117	Issue of supplemental type certificates
		21.119	Privileges
		21.120	Responsibility of supplemental type certificate holders to provide written permission for alterations
		21.122	Location of or change to manufacturing facilities
		21.123	Production under type certificate
		21.132	Eligibility
		21.133	Application
		21.135	Organization
		21.138	Quality manual
		21.139	Location of or change to manufacturing facilities
		21.140	Inspections and tests
		21.141	Issuance
		21.142	Production limitation record
		21.143	Duration
		21.144	Transferability
		21.145	Privileges
		21.147	Amendment of production certificates
		21.150	Changes in quality system
		21.173	Eligibility
		21.175	Airworthiness certificates: classification
		21.177	Amendment of modification
		21.179	Transferability
		21.181	Duration
		21.182	Aircraft identification

		21.183	Issue of standard airworthiness certificates for normal, utility, acrobatic, commuter, and transport category aircraft; manned free balloons and special classes of aircraft
		21.184	Issue of airworthiness certificates for primary category aircraft
		21.185	Issue of airworthiness certificates for restricted category aircraft
		21.187	Issue of multiple airworthiness certification
		21.189	Issue of airworthiness certificate for limited category aircraft
		21.190	Issue of a special airworthiness certificate for a light-sport category aircraft
		21.191	Experimental certificates
		21.193	Experimental certificates: general
		21.195	Experimental certificates: Aircraft to be used for market surveys, sales demonstrations, and customer crew training
		21.197	Special flight permits
		21.199	Issue of special flight permits
		21.213	Eligibility
		21.215	Application
		21.217	Duration
		21.219	Transferability
		21.221	Class I provisional airworthiness certificates
		21.223	Class II provisional airworthiness certificates
		21.225	Provisional airworthiness certificates corresponding with provisional amendments to type certificates



		21.303	Application
		21.305	Organization
		21.308	Quality Manual
		21.309	Location of or change to manufacturing facilities
		21.310	Inspections and tests
		21.311	Issuance
		21.313	Duration
		21.314	Transferability
		21.319	Design changes
		21.320	Changes in quality system
		21.325	Export airworthiness approvals
		21.327	Application
		21.329	Issuance of export certificates of airworthiness
		21.331	Issuance of export airworthiness approvals for aircraft engines, propellers, and articles
		21.335	Responsibilities of exporters
		21.500	Acceptance of aircraft engines and propellers
		21.502	Acceptance of articles
		21.603	Application
		21.605	Organization
		21.608	Quality manual
		21.609	Location of or change to manufacturing facilities
		21.610	Inspections and tests
		21.611	Issuance
		21.613	Duration
		21.614	Transferability



		21.618	Approval for deviation
		21.619	Design changes
		21.620	Changes in quality system
		21.621	Issue of letters of TSO design approval: Import articles
		21.700	SFAR No.111 – Lavatory Oxygen Systems
4.3	Determining the Scope of the Quality Management System	21.6	Manufacture of new aircraft, aircraft engines, and propellers
		21.9	Replacement and modification articles
		21.45	Privileges
		21.119	Privileges
		21.122	Location of or change to manufacturing facilities
		21.123	Production under type certificate
		21.132	Eligibility
		21.135	Organization
		21.137	Quality system
		21.139	Location of or change to manufacturing facilities
		21.145	Privileges
		21.221	Class I provisional airworthiness certificates
		21.223	Class II provisional airworthiness certificates
		21.305	Organization
		21.307	Quality System
		21.309	Location of or change to manufacturing facilities
		21.605	Organization
		21.607	Quality System
		21.609	Location of or change to manufacturing facilities



4.4	Quality Management System and its Processes		
4.4.1	Quality Management and its Processes	21.127	Tests: aircraft
		21.137	Quality system
		21.146	Responsibility of holder
		21.193	Experimental certificates: general
		21.225	Provisional airworthiness certificates corresponding with provisional amendments to type certificates
		21.307	Quality System
		21.316	Responsibility of holder
		21.607	Quality System
		21.616	Responsibility of holder
4.4.2	Quality Management and its Processes	21.5	Airplane or Rotorcraft Flight Manual
		21.6	Manufacture of new aircraft, aircraft engines, and propellers
		21.123	Production under type certificate
		21.127	Tests: aircraft
		21.137	Quality system
		21.138	Quality manual
		21.146	Responsibility of holder
		21.193	Experimental certificates: general
		21.225	Provisional airworthiness certificates corresponding with provisional amendments to type certificates
		21.307	Quality System
		21.308	Quality Manual
		21.316	Responsibility of holder
		21.607	Quality System



		21.608	Quality manual
		21.616	Responsibility of holder
5.	LEADERSHIP		
5.1	Leadership and Commitment		
5.1.1	General	21.146	Responsibility of holder
		21.316	Responsibility of holder
		21.616	Responsibility of holder
5.1.2	Customer Focus	N/A	
5.2	Policy		
5.2.1	Establishing the Quality Policy	21.146	Responsibility of holder
		21.316	Responsibility of holder
		21.616	Responsibility of holder
5.2.2	Communicating the Quality Policy	21.146	Responsibility of holder
		21.316	Responsibility of holder
		21.616	Responsibility of holder
5.3	Organizational Roles, Responsibilities, and Authorities	21.135	Organization
		21.137	Quality system
		21.305	Organization
		21.307	Quality System
		21.605	Organization
		21.607	Quality System
6.	PLANNING		
6.1	Actions to Address Risks and Opportunities		
6.1.1	Actions to Address Risks and Opportunities	21.146	Responsibility of holder
		21.316	Responsibility of holder



		21.616	Responsibility of holder
6.1.2	Actions to Address Risks and Opportunities	21.146	Responsibility of holder
		21.316	Responsibility of holder
		21.616	Responsibility of holder
6.2	Quality Objectives and Planning to Achieve Them		
6.2.1	Quality Objectives and Planning to Achieve Them	N/A	
6.2.2	Quality Objectives and Planning to Achieve Them	N/A	
6.3	Planning of Changes	21.137	Quality system
		21.150	Changes in quality system
		21.307	Quality System
		21.320	Changes in quality system
		21.607	Quality System
		21.620	Changes in quality system
7.	SUPPORT		
7.1	Resources		
7.1.1	General	21.137	Quality system
		21.307	Quality System
		21.607	Quality System
7.1.2	People	21.37	Flight test pilot
		21.137	Quality system
		21.307	Quality System
		21.607	Quality System
7.1.3	Infrastructure	21.137	Quality system
		21.307	Quality System
		21.607	Quality System



7.1.4	Environment for the Operation of Processes	21.137	Quality system
		21.307	Quality System
		21.607	Quality System
7.1.5	Monitoring and Measuring Resources		
7.1.5.1	General	21.39	Flight test instrument calibration and correction report
		21.128	Tests: aircraft engines
		21.137	Quality system
		21.307	Quality System
		21.607	Quality System
7.1.5.2	Measurement Traceability	21.39	Flight test instrument calibration and correction report
		21.128	Tests: aircraft engines
		21.137	Quality system
		21.307	Quality System
		21.607	Quality System
7.1.6	Organizational Knowledge	21.20	Compliance with applicable requirements
		21.81	Requirements for issue and amendment of Class I provisional type
		21.83	Requirements for issue and amendment of Class II provisional type
		21.115	Applicable requirements
		21.137	Quality system
		21.307	Quality System
		21.607	Quality System
7.2	Competence	21.37	Flight test pilot
		21.137	Quality system
		21.145	Privileges



		21.307	Quality System
		21.607	Quality System
7.3	Awareness	21.146	Responsibility of holder
		21.316	Responsibility of holder
		21.616	Responsibility of holder
7.4	Communication	21.3	Reporting of failures, malfunctions, and defects
		21.4	ETOPS reporting requirements
		21.5	Airplane or Rotorcraft Flight Manual
		21.6	Manufacture of new aircraft, aircraft engines, and propellers
		21.15	Application for type certificate
		21.17	Designation of applicable regulations
		21.19	Changes requiring a new type certificate
		21.20	Compliance with applicable requirements
		21.21	Issue of type certificate: normal, utility, acrobatic, commuter, and transport category aircraft; manned free balloons; special classes of aircraft; aircraft engines; propellers
		21.24	Issuance of type certificate: primary category aircraft
		21.25	Issue of type certificate: Restricted category aircraft
		21.27	Issue of type certificate: surplus aircraft of the Armed Forces
		21.29	Issue of type certificate: import products
		21.35	Flight tests
		21.39	Flight test instrument calibration and correction report
		21.47	Transferability

		21.50	Instructions for continued airworthiness and manufacturer's maintenance manuals having airworthiness limitations sections
		21.75	Application
		21.81	Requirements for issue and amendment of Class I provisional type
		21.83	Requirements for issue and amendment of Class II provisional type
		21.85	Provisional amendments to type certificates
		21.97	Approval of major changes in type design
		21.99	Required design changes
		21.101	Designation of applicable regulations
		21.113	Requirement for supplemental type certificate
		21.115	Applicable requirements
		21.119	Privileges
		21.122	Location of or change to manufacturing facilities
		21.133	Application
		21.135	Organization
		21.137	Quality system
		21.138	Quality manual
		21.139	Location of or change to manufacturing facilities
		21.145	Privileges
		21.147	Amendment of production certificates
		21.150	Changes in quality system
		21.173	Eligibility
		21.177	Amendment of modification

		21.183	Issue of standard airworthiness certificates for normal, utility, acrobatic, commuter, and transport category aircraft; manned free balloons and special classes of aircraft
		21.184	Issue of airworthiness certificates for primary category aircraft
		21.187	Issue of multiple airworthiness certification
		21.189	Issue of airworthiness certificate for limited category aircraft
		21.190	Issue of a special airworthiness certificate for a light-sport category aircraft
		21.193	Experimental certificates: general
		21.199	Issue of special flight permits
		21.215	Application
		21.221	Class I provisional airworthiness certificates
		21.223	Class II provisional airworthiness certificates
		21.225	Provisional airworthiness certificates corresponding with provisional amendments to type certificates
		21.303	Application
		21.305	Organization
		21.307	Quality System
		21.308	Quality Manual
		21.309	Location of or change to manufacturing facilities
		21.319	Design changes
		21.320	Changes in quality system
		21.327	Application
		21.329	Issuance of export certificates of airworthiness



		21.331	Issuance of export airworthiness approvals for aircraft engines, propellers, and articles
		21.335	Responsibilities of exporters
		21.500	Acceptance of aircraft engines and propellers
		21.603	Application
		21.605	Organization
		21.607	Quality System
		21.608	Quality manual
		21.609	Location of or change to manufacturing facilities
		21.618	Approval for deviation
		21.619	Design changes
		21.620	Changes in quality system
		21.621	Issue of letters of TSO design approval: Import articles
7.5	Documented Information		
7.5.1	General	21.5	Airplane or Rotorcraft Flight Manual
		21.137	Quality system
		21.138	Quality manual
		21.307	Quality System
		21.308	Quality Manual
		21.607	Quality System
		21.608	Quality manual
7.5.2	Creating and Updating	21.5	Airplane or Rotorcraft Flight Manual
		21.15	Application for type certificate
		21.17	Designation of applicable regulations
		21.20	Compliance with applicable requirements

		21.21	Issue of type certificate: normal, utility, acrobatic, commuter, and transport category aircraft; manned free balloons; special classes of aircraft; aircraft engines; propellers
		21.24	Issuance of type certificate: primary category aircraft
		21.25	Issue of type certificate: Restricted category aircraft
		21.27	Issue of type certificate: surplus aircraft of the Armed Forces
		21.29	Issue of type certificate: import products
		21.31	Type design
		21.35	Flight tests
		21.39	Flight test instrument calibration and correction report
		21.47	Transferability
		21.53	Statement of conformity
		21.55	Responsibility of type certificate holders to provide written licensing
		21.75	Application
		21.81	Requirements for issue and amendment of Class I provisional type
		21.83	Requirements for issue and amendment of Class II provisional type
		21.85	Provisional amendments to type certificates
		21.93	Classification of changes in type design
		21.97	Approval of major changes in type design
		21.99	Required design changes
		21.101	Designation of applicable regulations



	21.113	Requirement for supplemental type certificate
	21.115	Applicable requirements
	21.120	Responsibility of supplemental type certificate holders to provide written permission for alterations
	21.122	Location of or change to manufacturing facilities
	21.127	Tests: aircraft
	21.130	Statement of conformity
	21.133	Application
	21.135	Organization
	21.137	Quality system
	21.138	Quality manual
	21.139	Location of or change to manufacturing facilities
	21.146	Responsibility of holder
	21.147	Amendment of production certificates
	21.150	Changes in quality system
	21.190	Issue of a special airworthiness certificate for a light-sport category aircraft
	21.193	Experimental certificates: general
	21.199	Issue of special flight permits
	21.215	Application
	21.221	Class I provisional airworthiness certificates
	21.223	Class II provisional airworthiness certificates
	21.225	Provisional airworthiness certificates corresponding with provisional amendments to type certificates
	21.303	Application
	21.305	Organization



		21.307	Quality System
		21.308	Quality Manual
		21.309	Location of or change to manufacturing facilities
		21.316	Responsibility of holder
		21.320	Changes in quality system
		21.327	Application
		21.335	Responsibilities of exporters
		21.603	Application
		21.605	Organization
		21.607	Quality System
		21.608	Quality manual
		21.609	Location of or change to manufacturing facilities
		21.616	Responsibility of holder
		21.618	Approval for deviation
		21.619	Design changes
		21.620	Changes in quality system
		21.621	Issue of letters of TSO design approval: Import articles
7.5.3	Control of Documented Information		
7.5.3.1	Control of Documented Information	21.2	Falsification of applications, reports, or records
		21.5	Airplane or Rotorcraft Flight Manual
		21.24	Issuance of type certificate: primary category aircraft
		21.50	Instructions for continued airworthiness and manufacturer's maintenance manuals having airworthiness limitations sections
		21.123	Production under type certificate
		21.137	Quality system



		21.146	Responsibility of holder
		21.190	Issue of a special airworthiness certificate for a light-sport category aircraft
		21.193	Experimental certificates: general
		21.307	Quality System
		21.316	Responsibility of holder
		21.335	Responsibilities of exporters
		21.607	Quality System
		21.616	Responsibility of holder
7.5.3.2	Control of Documented Information	21.2	Falsification of applications, reports, or records
		21.5	Airplane or Rotorcraft Flight Manual
		21.24	Issuance of type certificate: primary category aircraft
		21.50	Instructions for continued airworthiness and manufacturer's maintenance manuals having airworthiness limitations sections
		21.123	Production under type certificate
		21.137	Quality system
		21.146	Responsibility of holder
		21.190	Issue of a special airworthiness certificate for a light-sport category aircraft
		21.307	Quality System
		21.316	Responsibility of holder
		21.335	Responsibilities of exporters
		21.607	Quality System
		21.616	Responsibility of holder



8. OPERATION			
8.1	Operation Planning and Control	21.122	Location of or change to manufacturing facilities
		21.139	Location of or change to manufacturing facilities
		21.309	Location of or change to manufacturing facilities
		21.609	Location of or change to manufacturing facilities
8.1.1	Operational Risk Management	21.3	Reporting of failures, malfunctions, and defects
		21.4	ETOPS reporting requirements
		21.35	Flight tests
		21.197	Special flight permits
		21.618	Approval for deviation
8.1.2	Configuration Management	21.31	Type design
		21.97	Approval of major changes in type design
		21.101	Designation of applicable regulations
		21.137	Quality system
		21.181	Duration
		21.303	Application
		21.307	Quality System
		21.607	Quality System
		21.619	Design changes
8.1.3	Product Safety	21.3	Reporting of failures, malfunctions, and defects
		21.4	ETOPS reporting requirements
		21.16	Special conditions
		21.21	Issue of type certificate: normal, utility, acrobatic, commuter, and transport category aircraft; manned free balloons; special classes of aircraft; aircraft engines; propellers

		21.24	Issuance of type certificate: primary category aircraft
		21.25	Issue of type certificate: Restricted category aircraft
		21.27	Issue of type certificate: surplus aircraft of the Armed Forces
		21.29	Issue of type certificate: import products
		21.35	Flight tests
		21.81	Requirements for issue and amendment of Class I provisional type
		21.83	Requirements for issue and amendment of Class II provisional type
		21.85	Provisional amendments to type certificates
		21.93	Classification of changes in type design
		21.99	Required design changes
		21.101	Designation of applicable regulations
		21.130	Statement of conformity
		21.137	Quality system
		21.146	Responsibility of holder
		21.147	Amendment of production certificates
		21.181	Duration
		21.183	Issue of standard airworthiness certificates for normal, utility, acrobatic, commuter, and transport category aircraft; manned free balloons and special classes of aircraft
		21.184	Issue of airworthiness certificates for primary category aircraft
		21.185	Issue of airworthiness certificates for restricted category aircraft



		21.187	Issue of multiple airworthiness certification
		21.189	Issue of airworthiness certificate for limited category aircraft
		21.190	Issue of a special airworthiness certificate for a light-sport category aircraft
		21.199	Issue of special flight permits
		21.221	Class I provisional airworthiness certificates
		21.223	Class II provisional airworthiness certificates
		21.225	Provisional airworthiness certificates corresponding with provisional amendments to type certificates
		21.307	Quality System
		21.316	Responsibility of holder
		21.331	Issuance of export airworthiness approvals for aircraft engines, propellers, and articles
		21.500	Acceptance of aircraft engines and propellers
		21.607	Quality System
		21.616	Responsibility of holder
		21.618	Approval for deviation
8.1.4	Prevention of Counterfeit Parts	21.9	Replacement and modification articles
		21.137	Quality system
		21.307	Quality System
		21.607	Quality System
8.2	Requirements for Products and Services		
8.2.1	Customer Communication	21.3	Reporting of failures, malfunctions, and defects



		21.50	Instructions for continued airworthiness and manufacturer's maintenance manuals having airworthiness limitations sections
		21.99	Required design changes
		21.137	Quality system
		21.307	Quality System
		21.607	Quality System
8.2.2	Determining the Requirements for Products and Services	21.16	Special conditions
		21.99	Required design changes
		21.137	Quality system
		21.307	Quality System
		21.607	Quality System
8.2.3	Review of the Requirements for Products and Services		
8.2.3.1	Review of the Requirements for Products and Services	21.16	Special conditions
		21.99	Required design changes
		21.137	Quality system
		21.307	Quality System
		21.607	Quality System
8.2.3.2	Review of the Requirements for Products and Services	21.16	Special conditions
		21.99	Required design changes
		21.137	Quality system
		21.307	Quality System
		21.607	Quality System
8.2.4	Changes to Requirements for Products and Services	21.16	Special conditions
		21.99	Required design changes
		21.137	Quality system



		21.307	Quality System
		21.607	Quality System
8.3	Design and Development of Products and Services		
8.3.1	General	21.20	Compliance with applicable requirements
		21.31	Type design
		21.35	Flight tests
		21.81	Requirements for issue and amendment of Class I provisional type
		21.83	Requirements for issue and amendment of Class II provisional type
		21.85	Provisional amendments to type certificates
		21.115	Applicable requirements
8.3.2	Design and Development Planning	21.20	Compliance with applicable requirements
		21.31	Type design
		21.35	Flight tests
		21.81	Requirements for issue and amendment of Class I provisional type
		21.83	Requirements for issue and amendment of Class II provisional type
		21.85	Provisional amendments to type certificates
		21.115	Applicable requirements
8.3.3	Design and Development Inputs	21.20	Compliance with applicable requirements
		21.31	Type design
		21.35	Flight tests
		21.81	Requirements for issue and amendment of Class I provisional type



		21.83	Requirements for issue and amendment of Class II provisional type
		21.85	Provisional amendments to type certificates
		21.115	Applicable requirements
8.3.4	Design and Development Controls	21.20	Compliance with applicable requirements
		21.21	Issue of type certificate: normal, utility, acrobatic, commuter, and transport category aircraft; manned free balloons; special classes of aircraft; aircraft engines; propellers
		21.24	Issuance of type certificate: primary category aircraft
		21.25	Issue of type certificate: Restricted category aircraft
		21.27	Issue of type certificate: surplus aircraft of the Armed Forces
		21.29	Issue of type certificate: import products
		21.33	Inspection and tests
		21.35	Flight tests
		21.39	Flight test instrument calibration and correction report
		21.81	Requirements for issue and amendment of Class I provisional type
		21.83	Requirements for issue and amendment of Class II provisional type
		21.85	Provisional amendments to type certificates
		21.97	Approval of major changes in type design
		21.101	Designation of applicable regulations
		21.113	Requirement for supplemental type certificate
		21.115	Applicable requirements

		21.137	Quality system
		21.303	Application
		21.307	Quality System
		21.607	Quality System
		21.618	Approval for deviation
8.3.4.1	Design and Development Controls	21.20	Compliance with applicable requirements
		21.21	Issue of type certificate: normal, utility, acrobatic, commuter, and transport category aircraft; manned free balloons; special classes of aircraft; aircraft engines; propellers
		21.24	Issuance of type certificate: primary category aircraft
		21.25	Issue of type certificate: Restricted category aircraft
		21.27	Issue of type certificate: surplus aircraft of the Armed Forces
		21.29	Issue of type certificate: import products
		21.33	Inspection and tests
		21.35	Flight tests
		21.39	Flight test instrument calibration and correction report
		21.81	Requirements for issue and amendment of Class I provisional type
		21.83	Requirements for issue and amendment of Class II provisional type
		21.85	Provisional amendments to type certificates
		21.97	Approval of major changes in type design
		21.101	Designation of applicable regulations
		21.113	Requirement for supplemental type certificate



		21.115	Applicable requirements
		21.303	Application
		21.618	Approval for deviation
8.3.5	Design and Development Outputs	21.15	Application for type certificate
		21.20	Compliance with applicable requirements
		21.21	Issue of type certificate: normal, utility, acrobatic, commuter, and transport category aircraft; manned free balloons; special classes of aircraft; aircraft engines; propellers
		21.24	Issuance of type certificate: primary category aircraft
		21.25	Issue of type certificate: Restricted category aircraft
		21.27	Issue of type certificate: surplus aircraft of the Armed Forces
		21.29	Issue of type certificate: import products
		21.31	Type design
		21.35	Flight tests
		21.50	Instructions for continued airworthiness and manufacturer's maintenance manuals having airworthiness limitations sections
		21.81	Requirements for issue and amendment of Class I provisional type
		21.83	Requirements for issue and amendment of Class II provisional type
		21.85	Provisional amendments to type certificates
		21.97	Approval of major changes in type design
		21.101	Designation of applicable regulations



		21.115	Applicable requirements
		21.123	Production under type certificate
		21.127	Tests: aircraft
		21.128	Tests: aircraft engines
		21.129	Tests: propellers
		21.137	Quality system
		21.146	Responsibility of holder
		21.147	Amendment of production certificates
		21.190	Issue of a special airworthiness certificate for a light-sport category aircraft
		21.193	Experimental certificates: general
		21.221	Class I provisional airworthiness certificates
		21.223	Class II provisional airworthiness certificates
		21.225	Provisional airworthiness certificates corresponding with provisional amendments to type certificates
		21.303	Application
		21.307	Quality System
		21.316	Responsibility of holder
		21.603	Application
		21.607	Quality System
		21.616	Responsibility of holder
		21.618	Approval for deviation
		21.621	Issue of letters of TSO design approval: Import articles
8.3.6	Design and Development Changes	21.3	Reporting of failures, malfunctions, and defects
		21.4	ETOPS reporting requirements
		21.5	Airplane or Rotorcraft Flight Manual



		21.33	Inspection and tests
		21.50	Instructions for continued airworthiness and manufacturer's maintenance manuals having airworthiness limitations sections
		21.93	Classification of changes in type design
		21.95	Approval of minor changes in type design
		21.97	Approval of major changes in type design
		21.99	Required design changes
		21.101	Designation of applicable regulations
		21.113	Requirement for supplemental type certificate
		21.115	Applicable requirements
		21.137	Quality system
		21.181	Duration
		21.307	Quality System
		21.319	Design changes
		21.603	Application
		21.607	Quality System
		21.619	Design changes
8.4	Control of Externally Provided Processes, Products and Services		
8.4.1	General	21.137	Quality system
		21.146	Responsibility of holder
		21.307	Quality System
		21.316	Responsibility of holder
		21.607	Quality System
		21.616	Responsibility of holder



8.4.1.1	General	21.137	Quality system
		21.146	Responsibility of holder
		21.307	Quality System
		21.316	Responsibility of holder
		21.607	Quality System
		21.616	Responsibility of holder
8.4.2	Type and Extent of Control	21.137	Quality system
		21.146	Responsibility of holder
		21.307	Quality System
		21.316	Responsibility of holder
		21.607	Quality System
		21.616	Responsibility of holder
8.4.3	Information for External Providers	21.137	Quality system
		21.140	Inspections and tests
		21.307	Quality System
		21.310	Inspections and tests
		21.607	Quality System
		21.610	Inspections and tests
8.5	Production and Service Provision		
8.5.1	Control of Production and Service Provision	21.33	Inspection and tests
		21.127	Tests: aircraft
		21.128	Tests: aircraft engines
		21.129	Tests: propellers
		21.137	Quality system
		21.146	Responsibility of holder



		21.147	Amendment of production certificates
		21.303	Application
		21.307	Quality System
		21.316	Responsibility of holder
		21.500	Acceptance of aircraft engines and propellers
		21.607	Quality System
		21.616	Responsibility of holder
8.5.1.1	Control of Equipment, Tools, and Software Programs	21.128	Tests: aircraft engines
		21.137	Quality system
		21.307	Quality System
		21.607	Quality System
8.5.1.2	Validation and Control of Special Processes	21.31	Type design
		21.137	Quality system
		21.307	Quality System
		21.607	Quality System
8.5.1.3	Production Process Verification	21.146	Responsibility of holder
		21.303	Application
		21.316	Responsibility of holder
		21.616	Responsibility of holder
8.5.2	Identification and Traceability	21.123	Production under type certificate
		21.137	Quality system
		21.146	Responsibility of holder
		21.182	Aircraft identification
		21.190	Issue of a special airworthiness certificate for a light-sport category aircraft
		21.303	Application



		21.307	Quality System
		21.316	Responsibility of holder
		21.335	Responsibilities of exporters
		21.500	Acceptance of aircraft engines and propellers
		21.502	Acceptance of articles
		21.607	Quality System
		21.616	Responsibility of holder
8.5.3	Property Belonging to Customers or External Providers	N/A	
8.5.4	Preservation	21.127	Tests: aircraft
		21.137	Quality system
		21.307	Quality System
		21.335	Responsibilities of exporters
		21.607	Quality System
8.5.5	Post-Delivery Activities	21.3	Reporting of failures, malfunctions, and defects
		21.4	ETOPS reporting requirements
		21.50	Instructions for continued airworthiness and manufacturer's maintenance manuals having airworthiness limitations sections
		21.81	Requirements for issue and amendment of Class I provisional type
		21.83	Requirements for issue and amendment of Class II provisional type
		21.85	Provisional amendments to type certificates
		21.99	Required design changes
		21.137	Quality system



		21.190	Issue of a special airworthiness certificate for a light-sport category aircraft
		21.195	Experimental certificates: Aircraft to be used for market surveys, sales demonstrations, and customer crew training
		21.307	Quality System
		21.335	Responsibilities of exporters
		21.607	Quality System
8.5.6	Control of Changes	21.3	Reporting of failures, malfunctions, and defects
		21.4	ETOPS reporting requirements
		21.50	Instructions for continued airworthiness and manufacturer's maintenance manuals having airworthiness limitations sections
		21.137	Quality system
		21.146	Responsibility of holder
		21.150	Changes in quality system
		21.307	Quality System
		21.320	Changes in quality system
		21.607	Quality System
8.6	Release of Products and Services	21.5	Airplane or Rotorcraft Flight Manual
		21.50	Instructions for continued airworthiness and manufacturer's maintenance manuals having airworthiness limitations sections
		21.53	Statement of conformity
		21.130	Statement of conformity
		21.137	Quality system
		21.146	Responsibility of holder



		21.147	Amendment of production certificates
		21.183	Issue of standard airworthiness certificates for normal, utility, acrobatic, commuter, and transport category aircraft; manned free balloons and special classes of aircraft
		21.184	Issue of airworthiness certificates for primary category aircraft
		21.185	Issue of airworthiness certificates for restricted category aircraft
		21.189	Issue of airworthiness certificate for limited category aircraft
		21.190	Issue of a special airworthiness certificate for a light-sport category aircraft
		21.193	Experimental certificates: general
		21.223	Class II provisional airworthiness certificates
		21.307	Quality System
		21.316	Responsibility of holder
		21.331	Issuance of export airworthiness approvals for aircraft engines, propellers, and articles
		21.335	Responsibilities of exporters
		21.500	Acceptance of aircraft engines and propellers
		21.603	Application
		21.607	Quality System
		21.616	Responsibility of holder
		21.620	Changes in quality system
		21.621	Issue of letters of TSO design approval: Import articles
8.7	Control of Nonconforming Outputs		



8.7.1	Control of Nonconforming Outputs	21.3	Reporting of failures, malfunctions, and defects
		21.4	ETOPS reporting requirements
		21.35	Flight tests
		21.137	Quality system
		21.307	Quality System
		21.607	Quality System
8.7.2	Control of Nonconforming Outputs	21.3	Reporting of failures, malfunctions, and defects
		21.4	ETOPS reporting requirements
		21.35	Flight tests
		21.137	Quality system
		21.307	Quality System
		21.607	Quality System
9.	PERFORMANCE EVALUATION		
9.1	Monitoring, Measurement, Analysis and Evaluation		
9.1.1	General	21.3	Reporting of failures, malfunctions, and defects
		21.4	ETOPS reporting requirements
		21.137	Quality system
		21.190	Issue of a special airworthiness certificate for a light-sport category aircraft
		21.307	Quality System
		21.607	Quality System
9.1.2	Customer Satisfaction	21.3	Reporting of failures, malfunctions, and defects
9.1.3	Analysis and Evaluation	21.3	Reporting of failures, malfunctions, and defects
		21.4	ETOPS reporting requirements
		21.99	Required design changes



		21.137	Quality system
		21.190	Issue of a special airworthiness certificate for a light-sport category aircraft
		21.307	Quality System
		21.607	Quality System
9.2	Internal Audit		
9.2.1	Internal Audit	21.137	Quality system
		21.307	Quality System
		21.607	Quality System
9.2.2	Internal Audit	21.137	Quality system
		21.307	Quality System
		21.607	Quality System
9.3	Management Review		
9.3.1	General	21.137	Quality system
		21.307	Quality System
		21.607	Quality System
9.3.2	Management Review Inputs	21.137	Quality system
		21.307	Quality System
		21.607	Quality System
9.3.3	Management Review Outputs	21.137	Quality system
		21.307	Quality System
		21.607	Quality System
10.	IMPROVEMENT		
10.1	General	21.3	Reporting of failures, malfunctions, and defects
		21.4	ETOPS reporting requirements
		21.137	Quality system



		21.307	Quality System
		21.607	Quality System
10.2	Nonconformity and Corrective Action		
10.2.1	Nonconformity and Corrective Action	21.3	Reporting of failures, malfunctions, and defects
		21.4	ETOPS reporting requirements
		21.35	Flight tests
		21.137	Quality system
		21.307	Quality System
		21.607	Quality System
10.2.2	Nonconformity and Corrective Action	21.3	Reporting of failures, malfunctions, and defects
		21.4	ETOPS reporting requirements
		21.35	Flight tests
		21.137	Quality system
		21.307	Quality System
		21.607	Quality System
10.3	Continual Improvement	21.137	Quality system
		21.307	Quality System
		21.607	Quality System



Section 2 - Correlation of the 9100:2016 (Rev D) clauses to each of the FAA Part 21 paragraphs

FAA Part 21:2017		9100:2016 (Rev D)	
Paragraph #	Paragraph Title	Clause #	Clause Title
SUBPART A – General			
21.1	Applicability and definitions	N/A	
21.2	Falsification of applications, reports, or records	4.2	Understanding the Needs and Expectations of Interested Parties
		7.5.3.1	Control of Documented Information
		7.5.3.2	Control of Documented Information
21.3	Reporting of failures, malfunctions, and defects	4.2	Understanding the Needs and Expectations of Interested Parties
		7.4	Communication
		8.1.1	Operational risk management
		8.1.3	Product Safety
		8.2.1	Customer Communication
		8.3.6	Design and Development Changes
		8.5.5	Post-Delivery Activities
		8.5.6	Control of Changes
		8.7.1	Control of Nonconforming Outputs
		8.7.2	Control of Nonconforming Outputs
		9.1.1	General
9.1.2	Customer Satisfaction		
9.1.3	Analysis and Evaluation		

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9100:2016 (Rev D) vs FAA Part 21 Correlation Matrix

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		10.1	General
		10.2.1	Nonconformity and Corrective Action
		10.2.2	Nonconformity and Corrective Action
21.4	ETOPS reporting requirements	4.2	Understanding the Needs and Expectations of Interested Parties
		7.4	Communication
		8.1.1	Operational risk management
		8.1.3	Product Safety
		8.3.6	Design and Development Changes
		8.5.5	Post-Delivery Activities
		8.5.6	Control of Changes
		9.1.1	General
		9.1.3	Analysis and Evaluation
		10.1	General
		10.2.1	Nonconformity and Corrective Action
		10.2.2	Nonconformity and Corrective Action
21.5	Airplane or Rotorcraft Flight Manual	4.2	Understanding the Needs and Expectations of Interested Parties
		4.4.2	Quality Management and its Processes
		7.4	Communication
		7.5.1	General
		7.5.2	Creating and Updating
		7.5.3.1	Control of Documented Information
		7.5.3.2	Control of Documented Information
		8.3.6	Design and Development Changes
		8.6	Release of Products and Services



21.6	Manufacture of new aircraft, aircraft engines, and propellers.	4.2	Understanding the Needs and Expectations of Interested Parties
		4.3	Determining the Scope of the Quality Management System
		4.4.2	Quality Management and its Processes
		7.4	Communication
21.7	Continued airworthiness and safety improvements for transport category airplanes	4.2	Understanding the Needs and Expectations of Interested Parties
21.8	Approval of articles	4.2	Understanding the Needs and Expectations of Interested Parties
21.9	Replacement and modification articles	4.2	Understanding the Needs and Expectations of Interested Parties
		4.3	Determining the Scope of the Quality Management System
		8.1.4	Prevention of Counterfeit Parts
SUBPART B - Type Certificates			
21.11	Applicability	N/A	
21.13	Eligibility	4.2	Understanding the Needs and Expectations of Interested Parties
21.15	Application for type certificate	4.2	Understanding the Needs and Expectations of Interested Parties
		7.4	Communication
		7.5.2	Creating and Updating
		8.3.5	Design and Development Outputs
21.16	Special conditions	4.2	Understanding the Needs and Expectations of Interested Parties
		8.1.3	Product Safety
		8.2.2	Determining the Requirements for Products and Services

		8.2.3.1	Review of the Requirements for Products and Services
		8.2.3.2	Review of the Requirements for Products and Services
		8.2.4	Changes to Requirements for Products and Services
21.17	Designation of applicable regulations	4.2	Understanding the Needs and Expectations of Interested Parties
		7.4	Communication
		7.5.2	Creating and Updating
21.19	Changes requiring a new type certificate	4.2	Understanding the Needs and Expectations of Interested Parties
		7.4	Communication
21.20	Compliance with applicable requirements	4.2	Understanding the Needs and Expectations of Interested Parties
		7.1.6	Organizational Knowledge
		7.4	Communication
		7.5.2	Creating and Updating
		8.3.1	General
		8.3.2	Design and Development Planning
		8.3.3	Design and Development Inputs
		8.3.4	Design and Development Controls
		8.3.4.1	Design and Development Controls
		8.3.5	Design and Development Outputs
21.21	Issue of type certificate: normal, utility, acrobatic, commuter, and transport category aircraft; manned free balloons; special classes of aircraft; aircraft engines; propellers	4.2	Understanding the Needs and Expectations of Interested Parties
		7.4	Communication
		7.5.2	Creating and Updating
		8.1.3	Product Safety



		8.3.4	Design and Development Controls
		8.3.4.1	Design and Development Controls
		8.3.5	Design and Development Outputs
21.23	Reserved	N/A	
21.24	Issuance of type certificate: primary category aircraft	4.2	Understanding the Needs and Expectations of Interested Parties
		7.4	Communication
		7.5.2	Creating and Updating
		7.5.3.1	Control of Documented Information
		7.5.3.2	Control of Documented Information
		8.1.3	Product Safety
		8.3.4	Design and Development Controls
		8.3.4.1	Design and Development Controls
21.25	Issue of type certificate: Restricted category aircraft	8.3.5	Design and Development Outputs
		4.2	Understanding the Needs and Expectations of Interested Parties
		7.4	Communication
		7.5.2	Creating and Updating
		8.1.3	Product Safety
		8.3.4	Design and Development Controls
		8.3.4.1	Design and Development Controls
21.27	Issue of type certificate: surplus aircraft of the Armed Forces	8.3.5	Design and Development Outputs
		4.2	Understanding the Needs and Expectations of Interested Parties
		7.4	Communication
		7.5.2	Creating and Updating

		8.1.3	Product Safety
		8.3.4	Design and Development Controls
		8.3.4.1	Design and Development Controls
		8.3.5	Design and Development Outputs
21.29	Issue of type certificate: import products	4.2	Understanding the Needs and Expectations of Interested Parties
		7.4	Communication
		7.5.2	Creating and Updating
		8.1.3	Product Safety
		8.3.4	Design and Development Controls
		8.3.4.1	Design and Development Controls
		8.3.5	Design and Development Outputs
21.31	Type design	7.5.2	Creating and Updating
		8.1.2	Configuration Management
		8.3.1	General
		8.3.2	Design and Development Planning
		8.3.3	Design and Development Inputs
		8.3.5	Design and Development Outputs
		8.5.1.2	Validation and Control of Special Processes
21.33	Inspection and tests	4.2	Understanding the Needs and Expectations of Interested Parties
		8.3.4	Design and Development Controls
		8.3.4.1	Design and Development Controls
		8.3.6	Design and Development Changes
		8.5.1	Control of Production and Service Provision



21.35	Flight tests	4.2	Understanding the Needs and Expectations of Interested Parties
		7.4	Communication
		7.5.2	Creating and Updating
		8.1.1	Operational risk management
		8.1.3	Product Safety
		8.3.1	General
		8.3.2	Design and Development Planning
		8.3.3	Design and Development Inputs
		8.3.4	Design and Development Controls
		8.3.4.1	Design and Development Controls
		8.3.5	Design and Development Outputs
		8.7.1	Control of Nonconforming Outputs
		8.7.2	Control of Nonconforming Outputs
		10.2.1	Nonconformity and Corrective Action
10.2.2	Nonconformity and Corrective Action		
21.37	Flight test pilot	7.1.2	People
		7.2	Competence
21.39	Flight test instrument calibration and correction report	4.2	Understanding the Needs and Expectations of Interested Parties
		7.1.5.1	General
		7.1.5.2	Measurement Traceability
		7.4	Communication
		7.5.2	Creating and Updating
		8.3.4	Design and Development Controls



		8.3.4.1	Design and Development Controls
21.41	Type-certificate	4.2	Understanding the Needs and Expectations of Interested Parties
21.43	Location of manufacturing facilities	4.2	Understanding the Needs and Expectations of Interested Parties
21.45	Privileges	4.3	Determining the Scope of the Quality Management System
21.47	Transferability	4.2	Understanding the Needs and Expectations of Interested Parties
		7.4	Communication
		7.5.2	Creating and Updating
21.49	Availability	4.2	Understanding the Needs and Expectations of Interested Parties
21.50	Instructions for continued airworthiness and manufacturer's maintenance manuals having airworthiness limitations sections	4.2	Understanding the Needs and Expectations of Interested Parties
		7.4	Communication
		7.5.3.1	Control of Documented Information
		7.5.3.2	Control of Documented Information
		8.2.1	Customer Communication
		8.3.5	Design and Development Outputs
		8.3.6	Design and Development Changes
		8.5.5	Post-Delivery Activities
21.51	Duration	8.5.6	Control of Changes
		8.6	Release of Products and Services
		4.2	Understanding the Needs and Expectations of Interested Parties



21.53	Statement of conformity	4.2	Understanding the Needs and Expectations of Interested Parties
		7.5.2	Creating and Updating
		8.6	Release of Products and Services
21.55	Responsibility of type certificate holders to provide written licensing	4.2	Understanding the Needs and Expectations of Interested Parties
		7.5.2	Creating and Updating
SUBPART C - Provisional Type Certificates			
21.71	Applicability	N/A	
21.73	Eligibility	4.2	Understanding the Needs and Expectations of Interested Parties
21.75	Application	4.2	Understanding the Needs and Expectations of Interested Parties
		7.4	Communication
		7.5.2	Creating and Updating
21.77	Duration	4.2	Understanding the Needs and Expectations of Interested Parties
21.79	Transferability	4.2	Understanding the Needs and Expectations of Interested Parties
21.81	Requirements for issue and amendment of Class I provisional type	4.2	Understanding the Needs and Expectations of Interested Parties
		7.1.6	Organizational Knowledge
		7.4	Communication
		7.5.2	Creating and Updating
		8.1.3	Product Safety
		8.3.1	General



		8.3.2	Design and Development Planning
		8.3.3	Design and Development Inputs
		8.3.4	Design and Development Controls
		8.3.4.1	Design and Development Controls
		8.3.5	Design and Development Outputs
		8.5.5	Post-Delivery Activities
21.83	Requirements for issue and amendment of Class II provisional type	4.2	Understanding the Needs and Expectations of Interested Parties
		7.1.6	Organizational Knowledge
		7.4	Communication
		7.5.2	Creating and Updating
		8.1.3	Product Safety
		8.3.1	General
		8.3.2	Design and Development Planning
		8.3.3	Design and Development Inputs
		8.3.4	Design and Development Controls
		8.3.4.1	Design and Development Controls
		8.3.5	Design and Development Outputs
		8.5.5	Post-Delivery Activities
21.85	Provisional amendments to type certificates	4.2	Understanding the Needs and Expectations of Interested Parties
		7.4	Communication
		7.5.2	Creating and Updating
		8.1.3	Product Safety
		8.3.1	General
		8.3.2	Design and Development Planning

		8.3.3	Design and Development Inputs
		8.3.4	Design and Development Controls
		8.3.4.1	Design and Development Controls
		8.3.5	Design and Development Outputs
		8.5.5	Post-Delivery Activities
SUBPART D – CHANGES TO TYPE-CERTIFICATES AND RESTRICTED TYPE CERTIFICATES			
21.91	Applicability	N/A	
21.93	Classification of changes in type design	7.5.2	Creating and Updating
		8.1.3	Product Safety
		8.3.6	Design and Development Changes
21.95	Approval of minor changes in type design	4.2	Understanding the Needs and Expectations of Interested Parties
		8.3.6	Design and Development Changes
21.97	Approval of major changes in type design	4.2	Understanding the Needs and Expectations of Interested Parties
		7.4	Communication
		7.5.2	Creating and Updating
		8.1.2	Configuration Management
		8.3.4	Design and Development Controls
		8.3.4.1	Design and Development Controls
		8.3.5	Design and Development Outputs
21.99	Required design changes	4.2	Understanding the Needs and Expectations of Interested Parties
		7.4	Communication
		7.5.2	Creating and Updating



		8.1.3	Product Safety
		8.2.1	Customer Communication
		8.2.2	Determining the Requirements for Products and Services
		8.2.3.1	Review of the Requirements for Products and Services
		8.2.3.2	Review of the Requirements for Products and Services
		8.2.4	Changes to Requirements for Products and Services
		8.3.6	Design and Development Changes
		8.5.5	Post-Delivery Activities
		9.1.3	Analysis and Evaluation
21.101	Designation of applicable regulations	4.2	Understanding the Needs and Expectations of Interested Parties
		7.4	Communication
		7.5.2	Creating and Updating
		8.1.2	Configuration Management
		8.1.3	Product Safety
		8.3.4	Design and Development Controls
		8.3.4.1	Design and Development Controls
		8.3.5	Design and Development Outputs
		8.3.6	Design and Development Changes
SUBPART E – Supplemental type certificates			
21.111	Applicability	N/A	



21.113	Requirement for supplemental type certificate	4.2	Understanding the Needs and Expectations of Interested Parties
		7.4	Communication
		7.5.2	Creating and Updating
		8.3.6	Design and Development Changes
21.115	Applicable requirements	4.2	Understanding the Needs and Expectations of Interested Parties
		7.1.6	Organizational Knowledge
		7.4	Communication
		7.5.2	Creating and Updating
		8.3.1	General
		8.3.2	Design and Development Planning
		8.3.3	Design and Development Inputs
		8.3.4	Design and Development Controls
		8.3.4.1	Design and Development Controls
		8.3.5	Design and Development Outputs
8.3.6	Design and Development Changes		
21.117	Issue of supplemental type certificates	4.2	Understanding the Needs and Expectations of Interested Parties
21.119	Privileges	4.2	Understanding the Needs and Expectations of Interested Parties
		4.3	Determining the Scope of the Quality Management System
		7.4	Communication
21.120	Responsibility of supplemental type certificate holders to provide written permission for alterations	4.2	Understanding the Needs and Expectations of Interested Parties
		7.5.2	Creating and Updating



SUBPART F - Production Under Type Certificate			
21.121	Applicability	N/A	
21.122	Location of or change to manufacturing facilities	4.2	Understanding the Needs and Expectations of Interested Parties
		4.3	Determining the Scope of the Quality Management System
		7.4	Communication
		7.5.2	Creating and Updating
		8.1	Operation Planning and Control
21.123	Production under type certificate	4.2	Understanding the Needs and Expectations of Interested Parties
		4.3	Determining the Scope of the Quality Management System
		4.4.2	Quality Management and its Processes
		7.5.3.1	Control of Documented Information
		7.5.3.2	Control of Documented Information
		8.3.5	Design and Development Outputs
8.5.2	Identification and Traceability		
21.125	Reserved	N/A	
21.127	Tests: aircraft	4.4.1	Quality Management and its Processes
		4.4.2	Quality Management and its Processes
		7.5.2	Creating and Updating
		8.3.5	Design and Development Outputs
		8.5.1	Control of Production and Service Provision
		8.5.4	Preservation
21.128	Tests: aircraft engines	7.1.5.1	General
		7.1.5.2	Measurement Traceability



		8.3.5	Design and Development Outputs
		8.5.1	Control of Production and Service Provision
		8.5.1.1	Control of Equipment, Tools, and Software Programs
21.129	Tests: propellers	8.3.5	Design and Development Outputs
		8.5.1	Control of Production and Service Provision
21.130	Statement of conformity	7.5.2	Creating and Updating
		8.1.3	Product Safety
		8.6	Release of Products and Services
SUBPART G – Production Certificates			
21.131	Applicability	N/A	
21.132	Eligibility	4.2	Understanding the Needs and Expectations of Interested Parties
		4.3	Determining the Scope of the Quality Management System
21.133	Application	4.2	Understanding the Needs and Expectations of Interested Parties
		7.4	Communication
		7.5.2	Creating and Updating
21.135	Organization	4.2	Understanding the Needs and Expectations of Interested Parties
		4.3	Determining the Scope of the Quality Management System
		5.3	Organizational Roles, Responsibilities, and Authorities
		7.4	Communication
		7.5.2	Creating and Updating
21.137	Quality system	4.3	Determining the Scope of the Quality Management System
		4.4.1	Quality Management and its Processes
		4.4.2	Quality Management and its Processes



		5.3	Organizational Roles, Responsibilities, and Authorities
		6.3	Planning of Changes
		7.1.1	General
		7.1.2	People
		7.1.3	Infrastructure
		7.1.4	Environment for the Operation of Processes
		7.1.5.1	General
		7.1.5.2	Measurement Traceability
		7.1.6	Organizational Knowledge
		7.2	Competence
		7.4	Communication
		7.5.1	General
		7.5.2	Creating and Updating
		7.5.3.1	Control of Documented Information
		7.5.3.2	Control of Documented Information
		8.1.2	Configuration Management
		8.1.3	Product Safety
		8.1.4	Prevention of Counterfeit Parts
		8.2.1	Customer Communication
		8.2.2	Determining the Requirements for Products and Services
		8.2.3.1	Review of the Requirements for Products and Services
		8.2.3.2	Review of the Requirements for Products and Services
		8.2.4	Changes to Requirements for Products and Services
		8.3.4	Design and Development Controls
		8.3.5	Design and Development Outputs



		8.3.6	Design and Development Changes
		8.4.1	General
		8.4.1.1	General
		8.4.2	Type and Extent of Control
		8.4.3	Information for External Providers
		8.5.1	Control of Production and Service Provision
		8.5.1.1	Control of Equipment, Tools, and Software Programs
		8.5.1.2	Validation and Control of Special Processes
		8.5.2	Identification and Traceability
		8.5.4	Preservation
		8.5.5	Post-Delivery Activities
		8.5.6	Control of Changes
		8.6	Release of Products and Services
		8.7.1	Control of Nonconforming Outputs
		8.7.2	Control of Nonconforming Outputs
		9.1.1	General
		9.1.3	Analysis and Evaluation
		9.2.1	Internal Audit
		9.2.2	Internal Audit
		9.3.1	General
		9.3.2	Management Review Inputs
		9.3.3	Management Review Outputs
		10.1	General
		10.2.1	Nonconformity and Corrective Action
		10.2.2	Nonconformity and Corrective Action



		10.3	Continual Improvement
21.138	Quality manual	4.2	Understanding the Needs and Expectations of Interested Parties
		4.4.2	Quality Management and its Processes
		7.4	Communication
		7.5.1	General
		7.5.2	Creating and Updating
21.139	Location of or change to manufacturing facilities	4.2	Understanding the Needs and Expectations of Interested Parties
		4.3	Determining the Scope of the Quality Management System
		7.4	Communication
		7.5.2	Creating and Updating
		8.1	Operation Planning and Control
21.140	Inspections and tests	4.2	Understanding the Needs and Expectations of Interested Parties
		8.4.3	Information for External Providers
21.141	Issuance	4.2	Understanding the Needs and Expectations of Interested Parties
21.142	Production limitation record	4.2	Understanding the Needs and Expectations of Interested Parties
21.143	Duration	4.2	Understanding the Needs and Expectations of Interested Parties
21.144	Transferability	4.2	Understanding the Needs and Expectations of Interested Parties

21.145	Privileges	4.2	Understanding the Needs and Expectations of Interested Parties
		4.3	Determining the Scope of the Quality Management System
		7.2	Competence
		7.4	Communication
21.146	Responsibility of holder	4.1	Understanding the Organization and its Context
		4.4.1	Quality Management and its Processes
		4.4.2	Quality Management and its Processes
		5.1.1	General
		5.2.1	Establishing the Quality Policy
		5.2.2	Communicating the Quality Policy
		6.1.1	Actions to Address Risks and Opportunities
		6.1.2	Actions to Address Risks and Opportunities
		7.3	Awareness
		7.5.2	Creating and Updating
		7.5.3.1	Control of Documented Information
		7.5.3.2	Control of Documented Information
		8.1.3	Product Safety
		8.3.5	Design and Development Outputs
		8.4.1	General
		8.4.1.1	General
		8.4.2	Type and Extent of Control
		8.5.1	Control of Production and Service Provision
		8.5.1.3	Production Process Verification
		8.5.2	Identification and Traceability
		8.5.6	Control of Changes



		8.6	Release of Products and Services
21.147	Amendment of production certificates	4.2	Understanding the Needs and Expectations of Interested Parties
		7.4	Communication
		7.5.2	Creating and Updating
		8.1.3	Product Safety
		8.3.5	Design and Development Outputs
		8.5.1	Control of Production and Service Provision
		8.6	Release of Products and Services
21.150	Changes in quality system	4.2	Understanding the Needs and Expectations of Interested Parties
		6.3	Planning of Changes
		7.4	Communication
		7.5.2	Creating and Updating
		8.5.6	Control of Changes
SUBPART H - Airworthiness Certificates			
21.171	Applicability	N/A	
21.173	Eligibility	4.2	Understanding the Needs and Expectations of Interested Parties
		7.4	Communication
21.175	Airworthiness certificates: classification	4.2	Understanding the Needs and Expectations of Interested Parties
21.177	Amendment of modification	4.2	Understanding the Needs and Expectations of Interested Parties
		7.4	Communication



21.179	Transferability	4.2	Understanding the Needs and Expectations of Interested Parties
21.181	Duration	4.2	Understanding the Needs and Expectations of Interested Parties
		8.1.2	Configuration Management
		8.1.3	Product Safety
		8.3.6	Design and Development Changes
21.182	Aircraft identification	4.2	Understanding the Needs and Expectations of Interested Parties
		8.5.2	Identification and Traceability
21.183	Issue of standard airworthiness certificates for normal, utility, acrobatic, commuter, and transport category aircraft; manned free balloons and special classes of aircraft	4.2	Understanding the Needs and Expectations of Interested Parties
		7.4	Communication
		8.1.3	Product Safety
		8.6	Release of Products and Services
21.184	Issue of airworthiness certificates for primary category aircraft	4.2	Understanding the Needs and Expectations of Interested Parties
		7.4	Communication
		8.1.3	Product Safety
		8.6	Release of Products and Services
21.185	Issue of airworthiness certificates for restricted category aircraft	4.2	Understanding the Needs and Expectations of Interested Parties
		8.1.3	Product Safety
		8.6	Release of Products and Services
21.187	Issue of multiple airworthiness certification	4.2	Understanding the Needs and Expectations of Interested Parties



		7.4	Communication
		8.1.3	Product Safety
21.189	Issue of airworthiness certificate for limited category aircraft	4.2	Understanding the Needs and Expectations of Interested Parties
		7.4	Communication
		8.1.3	Product Safety
		8.6	Release of Products and Services
21.190	Issue of a special airworthiness certificate for a light-sport category aircraft	4.2	Understanding the Needs and Expectations of Interested Parties
		7.4	Communication
		7.5.2	Creating and Updating
		7.5.3.1	Control of Documented Information
		7.5.3.2	Control of Documented Information
		8.1.3	Product Safety
		8.3.5	Design and Development Outputs
		8.5.2	Identification and Traceability
		8.5.5	Post-Delivery Activities
		8.6	Release of Products and Services
		9.1.1	General
		9.1.3	Analysis and Evaluation
21.191	Experimental certificates	4.2	Understanding the Needs and Expectations of Interested Parties
21.193	Experimental certificates: general	4.2	Understanding the Needs and Expectations of Interested Parties
		4.4.1	Quality Management and its Processes
		4.4.2	Quality Management and its Processes



		7.4	Communication
		7.5.2	Creating and Updating
		7.5.3.1	Control of Documented Information
		8.3.5	Design and Development Outputs
		8.6	Release of Products and Services
21.195	Experimental certificates: Aircraft to be used for market surveys, sales demonstrations, and customer crew training	4.2	Understanding the Needs and Expectations of Interested Parties
		8.5.5	Post-Delivery Activities
21.197	Special flight permits	4.2	Understanding the Needs and Expectations of Interested Parties
		8.1.1	Operational risk management
21.199	Issue of special flight permits	4.2	Understanding the Needs and Expectations of Interested Parties
		7.4	Communication
		7.5.2	Creating and Updating
		8.1.3	Product Safety
SUBPART I - Provisional Airworthiness Certificates			
21.211	Applicability	N/A	
21.213	Eligibility	4.2	Understanding the Needs and Expectations of Interested Parties
21.215	Application	4.2	Understanding the Needs and Expectations of Interested Parties
		7.4	Communication
		7.5.2	Creating and Updating



21.217	Duration	4.2	Understanding the Needs and Expectations of Interested Parties
21.219	Transferability	4.2	Understanding the Needs and Expectations of Interested Parties
21.221	Class I provisional airworthiness certificates	4.2	Understanding the Needs and Expectations of Interested Parties
		4.3	Determining the Scope of the Quality Management System
		7.4	Communication
		7.5.2	Creating and Updating
		8.1.3	Product Safety
		8.3.5	Design and Development Outputs
21.223	Class II provisional airworthiness certificates	4.2	Understanding the Needs and Expectations of Interested Parties
		4.3	Determining the Scope of the Quality Management System
		7.4	Communication
		7.5.2	Creating and Updating
		8.1.3	Product Safety
		8.3.5	Design and Development Outputs
		8.6	Release of Products and Services
21.225	Provisional airworthiness certificates corresponding with provisional amendments to type certificates	4.2	Understanding the Needs and Expectations of Interested Parties
		4.4.1	Quality Management and its Processes
		4.4.2	Quality Management and its Processes
		7.4	Communication
		7.5.2	Creating and Updating
		8.1.3	Product Safety



		8.3.5	Design and Development Outputs
SUBPART J - [Reserved]			
SUBPART K - Parts Manufacturer Approval			
21.301	Applicability	N/A	
21.303	Application	4.2	Understanding the Needs and Expectations of Interested Parties
		7.4	Communication
		7.5.2	Creating and Updating
		8.1.2	Configuration Management
		8.3.4	Design and Development Controls
		8.3.4.1	Design and Development Controls
		8.3.5	Design and Development Outputs
		8.5.1	Control of Production and Service Provision
		8.5.1.3	Production Process Verification
		8.5.2	Identification and Traceability
21.305	Organization	4.2	Understanding the Needs and Expectations of Interested Parties
		4.3	Determining the Scope of the Quality Management System
		5.3	Organizational Roles, Responsibilities, and Authorities
		7.4	Communication
		7.5.2	Creating and Updating
21.307	Quality System	4.3	Determining the Scope of the Quality Management System
		4.4.1	Quality Management and its Processes
		4.4.2	Quality Management and its Processes
		5.3	Organizational Roles, Responsibilities, and Authorities

		6.3	Planning of Changes
		7.1.1	General
		7.1.2	People
		7.1.3	Infrastructure
		7.1.4	Environment for the Operation of Processes
		7.1.5.1	General
		7.1.5.2	Measurement Traceability
		7.1.6	Organizational Knowledge
		7.2	Competence
		7.4	Communication
		7.5.1	General
		7.5.2	Creating and Updating
		7.5.3.1	Control of Documented Information
		7.5.3.2	Control of Documented Information
		8.1.2	Configuration Management
		8.1.3	Product Safety
		8.1.4	Prevention of Counterfeit Parts
		8.2.1	Customer Communication
		8.2.2	Determining the Requirements for Products and Services
		8.2.3.1	Review of the Requirements for Products and Services
		8.2.3.2	Review of the Requirements for Products and Services
		8.2.4	Changes to Requirements for Products and Services
		8.3.4	Design and Development Controls
		8.3.5	Design and Development Outputs
		8.3.6	Design and Development Changes



		8.4.1	General
		8.4.1.1	General
		8.4.2	Type and Extent of Control
		8.4.3	Information for External Providers
		8.5.1	Control of Production and Service Provision
		8.5.1.1	Control of Equipment, Tools, and Software Programs
		8.5.1.2	Validation and Control of Special Processes
		8.5.2	Identification and Traceability
		8.5.4	Preservation
		8.5.5	Post-Delivery Activities
		8.5.6	Control of Changes
		8.6	Release of Products and Services
		8.7.1	Control of Nonconforming Outputs
		8.7.2	Control of Nonconforming Outputs
		9.1.1	General
		9.1.3	Analysis and Evaluation
		9.2.1	Internal Audit
		9.2.2	Internal Audit
		9.3.1	General
		9.3.2	Management Review Inputs
		9.3.3	Management Review Outputs
		10.1	General
		10.2.1	Nonconformity and Corrective Action
		10.2.2	Nonconformity and Corrective Action
		10.3	Continual Improvement



21.308	Quality Manual	4.2	Understanding the Needs and Expectations of Interested Parties
		4.4.2	Quality Management and its Processes
		7.4	Communication
		7.5.1	General
		7.5.2	Creating and Updating
21.309	Location of or change to manufacturing facilities	4.2	Understanding the Needs and Expectations of Interested Parties
		4.3	Determining the Scope of the Quality Management System
		7.4	Communication
		7.5.2	Creating and Updating
		8.1	Operation Planning and Control
21.310	Inspections and tests	4.2	Understanding the Needs and Expectations of Interested Parties
		8.4.3	Information for External Providers
21.311	Issuance	4.2	Understanding the Needs and Expectations of Interested Parties
21.313	Duration	4.2	Understanding the Needs and Expectations of Interested Parties
21.314	Transferability	4.2	Understanding the Needs and Expectations of Interested Parties
21.316	Responsibility of holder	4.1	Understanding the Organization and its Context
		4.4.1	Quality Management and its Processes
		4.4.2	Quality Management and its Processes
		5.1.1	General
		5.2.1	Establishing the Quality Policy

		5.2.2	Communicating the Quality Policy
		6.1.1	Actions to Address Risks and Opportunities
		6.1.2	Actions to Address Risks and Opportunities
		7.3	Awareness
		7.5.2	Creating and Updating
		7.5.3.1	Control of Documented Information
		7.5.3.2	Control of Documented Information
		8.1.3	Product Safety
		8.3.5	Design and Development Outputs
		8.4.1	General
		8.4.1.1	General
		8.4.2	Type and Extent of Control
		8.5.1	Control of Production and Service Provision
		8.5.1.3	Production Process Verification
		8.5.2	Identification and Traceability
		8.6	Release of Products and Services
21.319	Design changes	4.2	Understanding the Needs and Expectations of Interested Parties
		7.4	Communication
		8.3.6	Design and Development Changes
21.320	Changes in quality system	4.2	Understanding the Needs and Expectations of Interested Parties
		6.3	Planning of Changes
		7.4	Communication
		7.5.2	Creating and Updating
		8.5.6	Control of Changes



SUBPART L - Export Airworthiness Approvals			
21.321	Applicability	N/A	
21.325	Export airworthiness approvals	4.2	Understanding the Needs and Expectations of Interested Parties
21.327	Application	4.2	Understanding the Needs and Expectations of Interested Parties
		7.4	Communication
		7.5.2	Creating and Updating
21.329	Issuance of export certificates of airworthiness	4.2	Understanding the Needs and Expectations of Interested Parties
		7.4	Communication
21.331	Issuance of export airworthiness approvals for aircraft engines, propellers, and articles	4.2	Understanding the Needs and Expectations of Interested Parties
		7.4	Communication
		8.1.3	Product Safety
		8.6	Release of Products and Services
21.335	Responsibilities of exporters	4.2	Understanding the Needs and Expectations of Interested Parties
		7.4	Communication
		7.5.2	Creating and Updating
		7.5.3.1	Control of Documented Information
		7.5.3.2	Control of Documented Information
		8.5.2	Identification and Traceability
		8.5.4	Preservation
		8.5.5	Post-Delivery Activities
		8.6	Release of Products and Services

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SUBPART M - [Reserved]			
SUBPART N - Acceptance of Aircraft Engines, Propellers, and Articles for Import			
21.500	Acceptance of aircraft engines and propellers	4.2	Understanding the Needs and Expectations of Interested Parties
		7.4	Communication
		8.1.3	Product Safety
		8.5.1	Control of Production and Service Provision
		8.5.2	Identification and Traceability
		8.6	Release of Products and Services
21.502	Acceptance of articles	4.2	Understanding the Needs and Expectations of Interested Parties
		8.5.2	Identification and Traceability
SUBPART O - Technical Standard Order Approvals			
21.601	Applicability and definitions	N/A	
21.603	Application	4.2	Understanding the Needs and Expectations of Interested Parties
		7.4	Communication
		7.5.2	Creating and Updating
		8.3.5	Design and Development Outputs
		8.3.6	Design and Development Changes
21.605	Organization	4.2	Understanding the Needs and Expectations of Interested Parties
		4.3	Determining the Scope of the Quality Management System
		5.3	Organizational Roles, Responsibilities, and Authorities



		7.4	Communication
		7.5.2	Creating and Updating
21.607	Quality System	4.3	Determining the Scope of the Quality Management System
		4.4.1	Quality Management and its Processes
		4.4.2	Quality Management and its Processes
		5.3	Organizational Roles, Responsibilities, and Authorities
		6.3	Planning of Changes
		7.1.1	General
		7.1.2	People
		7.1.3	Infrastructure
		7.1.4	Environment for the Operation of Processes
		7.1.5.1	General
		7.1.5.2	Measurement Traceability
		7.1.6	Organizational Knowledge
		7.2	Competence
		7.4	Communication
		7.5.1	General
		7.5.2	Creating and Updating
		7.5.3.1	Control of Documented Information
		7.5.3.2	Control of Documented Information
		8.1.2	Configuration Management
		8.1.3	Product Safety
		8.1.4	Prevention of Counterfeit Parts
		8.2.1	Customer Communication
		8.2.2	Determining the Requirements for Products and Services

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		8.2.3.1	Review of the Requirements for Products and Services
		8.2.3.2	Review of the Requirements for Products and Services
		8.2.4	Changes to Requirements for Products and Services
		8.3.4	Design and Development Controls
		8.3.5	Design and Development Outputs
		8.3.6	Design and Development Changes
		8.4.1	General
		8.4.1.1	General
		8.4.2	Type and Extent of Control
		8.4.3	Information for External Providers
		8.5.1	Control of Production and Service Provision
		8.5.1.1	Control of Equipment, Tools, and Software Programs
		8.5.1.2	Validation and Control of Special Processes
		8.5.2	Identification and Traceability
		8.5.4	Preservation
		8.5.5	Post-Delivery Activities
		8.5.6	Control of Changes
		8.6	Release of Products and Services
		8.7.1	Control of Nonconforming Outputs
		8.7.2	Control of Nonconforming Outputs
		9.1.1	General
		9.1.3	Analysis and Evaluation
		9.2.1	Internal Audit
		9.2.2	Internal Audit
		9.3.1	General



		9.3.2	Management Review Inputs
		9.3.3	Management Review Outputs
		10.1	General
		10.2.1	Nonconformity and Corrective Action
		10.2.2	Nonconformity and Corrective Action
		10.3	Continual Improvement
21.608	Quality manual	4.2	Understanding the Needs and Expectations of Interested Parties
		4.4.2	Quality Management and its Processes
		7.4	Communication
		7.5.1	General
		7.5.2	Creating and Updating
21.609	Location of or change to manufacturing facilities	4.2	Understanding the Needs and Expectations of Interested Parties
		4.3	Determining the Scope of the Quality Management System
		7.4	Communication
		7.5.2	Creating and Updating
		8.1	Operation Planning and Control
21.610	Inspections and tests	4.2	Understanding the Needs and Expectations of Interested Parties
		8.4.3	Information for External Providers
21.611	Issuance	4.2	Understanding the Needs and Expectations of Interested Parties
21.613	Duration	4.2	Understanding the Needs and Expectations of Interested Parties



21.614	Transferability	4.2	Understanding the Needs and Expectations of Interested Parties
21.616	Responsibility of holder	4.1	Understanding the Organization and its Context
		4.4.1	Quality Management and its Processes
		4.4.2	Quality Management and its Processes
		5.1.1	General
		5.2.1	Establishing the Quality Policy
		5.2.2	Communicating the Quality Policy
		6.1.1	Actions to Address Risks and Opportunities
		6.1.2	Actions to Address Risks and Opportunities
		7.3	Awareness
		7.5.2	Creating and Updating
		7.5.3.1	Control of Documented Information
		7.5.3.2	Control of Documented Information
		8.1.3	Product Safety
		8.3.5	Design and Development Outputs
		8.4.1	General
		8.4.1.1	General
		8.4.2	Type and Extent of Control
		8.5.1	Control of Production and Service Provision
		8.5.1.3	Production Process Verification
		8.5.2	Identification and Traceability
8.6	Release of Products and Services		
21.618	Approval for deviation	4.2	Understanding the Needs and Expectations of Interested Parties
		7.4	Communication



		7.5.2	Creating and Updating
		8.1.1	Operational Risk Management
		8.1.3	Product Safety
		8.3.4	Design and Development Controls
		8.3.4.1	Design and Development Controls
		8.3.5	Design and Development Outputs
21.619	Design changes	4.2	Understanding the Needs and Expectations of Interested Parties
		7.4	Communication
		7.5.2	Creating and Updating
		8.1.2	Configuration Management
		8.3.6	Design and Development Changes
21.620	Changes in quality system	4.2	Understanding the Needs and Expectations of Interested Parties
		6.3	Planning of Changes
		7.4	Communication
		7.5.2	Creating and Updating
		8.5.6	Control of Changes
21.621	Issue of letters of TSO design approval: Import articles	4.2	Understanding the Needs and Expectations of Interested Parties
		7.4	Communication
		7.5.2	Creating and Updating
		8.3.5	Design and Development Outputs
		8.6	Release of Products and Services



SUBPART P - Special Federal Aviation Regulations			
21.700	SFAR No.111 – Lavatory Oxygen Systems	4.2	Understanding the Needs and Expectations of Interested Parties

Change Control

Revision	Detail	Date
1.0	Initial issue as part of 9100:2016 (Rev D) Deployment Support Material	May 1 st 2019
1.1	Update to the document introduction	Dec 12 th 2019
1.2	Update to include the registered IAQG logo	Jan 20 th 2020