

SCHEDULE 3
QUALITY STANDARDS AND REQUIREMENTS

CONTENTS

New Definitions **Error! Bookmark not defined.**
Quality 3
1 Purpose 3
2 Requirements and Standards 4
3 Regulatory Articles 9
4 Quality Assurance 32
5 Quality Plan 32
6 Quality Assurance of Processes 32
7 Allotment Under Clause 19 33
8 DQAFF Requirements 33

LIST OF TABLES

Table	Page
Table 1: New Definitions Error! Bookmark not defined.	
Table 2: Standards.....	4
Table 3: Regulatory Articles 1000 Series	9
Table 4: Regulatory Articles 4000 Series	11
Table 5 – Regulatory Articles 5000 Series	24

QUALITY

1 PURPOSE

- 1.1 This Schedule 3 (*Quality Standards and Requirements*) details the Quality Assurance Conditions together with Certification and Contract requirements for the Service to assist the Authority with the following requirements:
 - 1.1.1 The Contractor shall hold and maintain BS EN ISO 9001:2008 Certification for the duration of the Contract. The Contractor shall establish and maintain a Quality Management System (QMS) compliant AQAP 2110 Edition 3 December 2009 , the QMS shall complete the following:
 - 1.1.1.1 Interface with the Authority Quality Management System.
 - 1.1.1.2 Maintain a clear demarcation of ownership between Contractor and Authority processes.
 - 1.1.2 The validity of the Standards detailed throughout this Schedule 3 shall be monitored throughout the Contract Period in accordance with Schedule 2 (*Statement of Work*) Paragraph 2.19.

2 REQUIREMENTS AND STANDARDS

2.1 Subject to Paragraph 2.19 of Schedule 2 (*Statement of Work*) throughout the Contract Period the following Standards set out in Table 2 shall apply to the Services provided under Schedule 2 (*Statement of Work*). The Contractor shall undertake six-monthly reviews of the applicable standards in accordance with Schedule 2 (*Statement of Work*) Paragraph 2.19.

Table 1: Standards

Applicable Standard	Issue	Description
Approved Data Set (ADS)		Approved Data Set
AP101B-6800-2(AR)1	17	Sentinel R Mk 1 General Orders & Special Instructions
AP101B-6800-5(M)1	At Effective Date	Sentinel R Mk 1 Structural Integrity Monitoring Systems
AP101B-6800-5(A)1	At Effective Date	Sentinel R Mk 1 Master Maintenance Schedule
AQAP 2105	Ed 2 – Dec 2009	NATO Requirements for Deliverable Quality Plans
AQAP 2110	Ed 3 - Dec 2009	NATO Quality Assurance Requirements for Design, Development & Production
AQAP 2210	Ed A Vers 2 – Sept 2015	NATO Supplementary Software Quality Assurance Requirements to AQAP 2110
Authority Endorsed Propulsion System Integrity Strategy Document	Issue 4.0 AL 0	This is an Authority produced and controlled document.
Authority Endorsed Sentinel Structural Integrity Strategy Document and Plan	6	This is an Authority produced and controlled document. Sentinel Structural Integrity Strategy Document and Plan.
Current IATA (Air) and IMDG (Sea) Requirements	At Effective Date	International Air Transport Association (IATA) and International Maritime Dangerous Goods (IMDG) requirements.
DAOS Exposition	H	DAOS Exposition, ASTOR 2000

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Applicable Standard	Issue	Description
Def Stan 00-56	Part 1 Issue 6 - 2 Apr 2015	Safety Management Requirements for Defence Systems
Def Stan 00-600	Issue 3 - 22 Jan 2014	Integrated Logistics Support Requirements for MOD Contracts
Def Stan 00-970	Issue 1, AL14	Design and airworthiness requirements for service aircraft' DEF STAN 00-970 (1), Issue 1, 12 Dec 83, AL14 in accordance with the aircraft Certification Basis.
Def Stan 05-129	Issue 5 - 30 Jun 2013	CONDO Processes and Procedures
Def Stan 05-57	Issue 6 - 7 Mar 2014	Configuration Management of Defence Material
Def Stan 05-61 Part 1	Issue 6 - 31 Mar 2016	Quality Assurance Procedure Requirements Part 1: Concessions
Def Stan 05-61 Part 4	Issue 3, AL 1 - 28 Jan 2011	Quality Assurance Procedural Requirements Part 4: Contractor Working Parties
Def Stan 05-61 Part 9 Paragraph 1.1	Issue 5 - 4 Feb 2016	Quality Assurance Procedural Requirements Part 9: Independent Inspection Requirements for Safety Critical Items
Def Stan 05-99	Issue 4 AL 2 - 31 Oct 2011	Managing Government Furnished Equipment in Industry
Def Stan 05-100	Issue 5 AL 1 - 31 Aug 2014	MoD Requirements for Certification of Aircraft for Authorised Flight and Ground Running
Def Stan 05-135	Issue 1 - 10 Jul 2014	Avoidance of Counterfeit Material
Def Stan 59-411 Part 3	2	Electromagnetic Compatibility - Test Methods and Limits for Equipment and Sub Systems
Def Stan 81-41 Part 1 Issue 8 Paragraph 12	8	Def Stan 81-41 Part 1 Issue 8 Paragraph 12 Introduction of Defence Packaging Requirements

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Applicable Standard	Issue	Description
ISO 9001	2008	Quality Management System
JAP(D)100C-20	Aug 2012 Amd 2	Joint Air Publications - Preparation and Amendment of Maintenance Schedules
JAP(D)100C-22	Aug 2012 Amd 3	Joint Air Publications - Guide To Developing and Sustaining Preventive Maintenance Programmes
JSP 101	3.1	Defence Writing Guide
JSP 567	4th Edition 2008	Contractor Support to Operations
JSP 886 Vol 2 Part 6	1.5	The Defence Logistics Support Chain Manual - Financial Accounting For Inventory
JSP 886 Vol 2 Part 9	1.3	The Defence Logistics Support Chain Manual - Management of Assets
JSP 886 Vol 2 Part 303	1.1	The Defence Logistics Support Chain Manual - Alternative Items
JSP 886 Vol 2 Part 404	1.9	The Defence Logistics Support Chain Manual - Disposal of Inventory
JSP 886 Vol 3 Part 2	2.19	The Defence Logistics Support Chain Manual - Contractor Logistics Support
JSP 886 Vol 3 Part 13	2.5	The Defence Logistics Support Chain Manual - Return of Material and Equipment
JSP 886 Vol 3 Part 14	1.3	The Defence Logistics Support Chain Manual - Transfer of Spares Between Units, Cannibalisation, STOROB, Reclamation.
JSP 886 Vol 4 Part 1	1.9	The Defence Logistics Support Chain Manual - Materiel Accounting
JSP 886 Vol 7 Part 8.03 Chapter 4	1.6	The Defence Logistics Support Chain Manual - Packaging, Handling, Storage and Transportation (Storage at MOB is GFA)

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Applicable Standard	Issue	Description
JSP 886 Vol 7 Part 8.06	2.4	The Defence Logistics Support Chain Manual - Test Equipment
JSP 886 Vol 7 Part 8.13	2.4	The Defence Logistics Support Chain Manual - Obsolescence Management
LSAR	At Effective Date	Logistics Support Analysis Record
MAOS Exposition	Rev 7	RSL000548 MAOS MRP Part 145 Maintenance Organisation Exposition
MAP-01, CHAP 5.3.1 Paragraphs 8.1.4 & 8.2	7.1	Manual of Maintenance and Airworthiness Process – Lifting of Aerospace Components
MAP-01, CHAP 5.14.1	7.1	Manual of Maintenance and Airworthiness Process –Support Policy Statement – Aircraft
MAP-01, CHAP 7.5	7.1	Manual of Maintenance and Airworthiness Process –Fault Reporting
MAP-01, CHAP 7.5.1	7.1	Manual of Maintenance and Airworthiness Process –Narrative Fault Reporting Using the MOD Form 760 Series
MAP-01, CHAP 7.6	7.1	Manual of Maintenance and Airworthiness Process –Retention of Military Aviation Engineering Documentation
MAP-01, CHAP 8.1	7.1	Manual of Maintenance and Airworthiness Process –Through Life Management of Technical Information
MAP-01, CHAP 8.2	7.1	Manual of Maintenance and Airworthiness Process –Amendment of Technical Information and Forms
MAP-01, CHAP 9.4	7.1	Manual of Maintenance and Airworthiness Process –Transfer of Aircraft or Equipment
MAP-01, CHAP 9.5 Paragraph 7.1	7.1	Technical Equipment – Conditioning and Preparation for Movement or Storage

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Applicable Standard	Issue	Description
MAP-01, CHAP 11-2	7.1	Manual of Maintenance and Airworthiness Process –Health and Usage Monitoring
MAP-01, CHAP 11.5	7.1	Manual of Maintenance and Airworthiness Process –Non-Destructive Testing
MAP-01, CHAP 13.5	7.1	Manual of Maintenance and Airworthiness Process –Compressed Gas Cylinders Having an Airborne Application
MAP-01, CHAP 15.1.1	7.1	Manual of Maintenance and Airworthiness Process –Quality Occurrence Reporting
MASAAG 109 – OLMP Guidance	31-May-07	Guidance for Aircraft Operational Loads Measurement programme
Sentinel Aircraft Maintenance Manual	At Effective Date	Sentinel Aircraft Maintenance Manual
Security Policy Framework (SPF)	Apr-14	Security Policy Framework (SPF)
Clause 11 Quality Assurance – Requirement for a Certificate of Conformity, Part K, Schedule 11 (Ancillary Requirements)	Based on DEFCON 627 Edn 12/10 at the Effective Date	N/A
Clause 19 Flights Liability and Indemnity of the Contract	Based on DEFCON 638 Edn 11/14 at the Effective Date	N/A

3 REGULATORY ARTICLES

- 3.1 Subject to Paragraph 2.19 of Schedule 2 (*Statement of Work*) throughout the Contract Period the following Standards set out in Table 3, 4 and 5 shall apply to the Services provided under Schedule 2 (*Statement of Work*). The Contractor shall undertake six-monthly reviews of the applicable standards in accordance with Schedule 2 (*Statement of Work*) Paragraph 2.19.
- 3.2 The Contractor shall either:
- 3.2.1 have direct responsibility to undertake the activity/deliverable; or
- 3.2.2 the Contractor shall support the Authority in providing the activity/deliverables relevant to the Regulatory Article.

Table 2: Regulatory Articles 1000 Series

RA 1000 Series			
RA Number	RA Description	Regulation	Issue
RA 1002	Competent Persons	1002(1): Competent Persons	3
RA 1005	Contractisng with Competent Organizations	1005(1): General Principles	5
		1005(2): Competent Design Organizations	
		1005(3): Competent Maintenance Organizations	
RA 1006	Delegation of Engineering Authorizations	1006(1): Delegation of Engineering Authorizations	Initial
RA 1014	Design Organizations – Airworthiness Responsibilities	1014(1): Responsibilities of the Design Organization	3
RA 1017	Maintenance Organizations – Airworthiness Responsibilities	1017(1): Responsibilities of the Maintenance Organization	2
RA 1200	Defence Air Safety Management	1200(1): Defence Air Safety Management	4
RA 1205	Air System Safety Cases	1205(1) Roles and Responsibilities of the ODH	3

RA 1000 Series			
RA Number	RA Description	Regulation	Issue
		1205(2) Responsibilities of DH-Facing Organizations	
		1205(3) Safety Statements (SS)	
RA 1210	Ownership and Management of Operating Risk (Risk to Life)	1210(1): Risk Ownership	3
		1210(2): Risk Management	
		1210(3): Standardized Approach to Risk	
RA1220	Project Team Airworthiness and Safety	1220(1): Airworthiness Strategy	3
		1220(2): Project Safety Management	
		1220(3): Equipment Safety Assessment	
		1220(4) Independent Evaluation and Audit	
RA 1225	Air Safety Documentation Audit Trail	1225(1): Air Safety Documentation Audit Trail	Initial
RA 1230	Design Safety Targets	1230(1): Design Safety Target Criteria	4
RA 1310	Aircraft Document Set	1310(1): Aircraft Document Set	3
		1310(2): Responsibility for Amendments	
RA 1400	Flight Safety	1400(1): Flight Safety	2
RA 1410	Occurrence Reporting	1410(1): Occurrence Reporting and Investigation	7
RA 1430	Aircraft Post Crash Management and Significant Occurrence Management	1430(1): Aircraft Post Crash Management and Significant Occurrence Management	3

RA 1000 Series			
RA Number	RA Description	Regulation	Issue
RA 1440	Air Safety Training Requirements	1440(1): Air Safety Training	5
RA 1500	Certification of UK Military Registered Air Systems	1500(1): Certification of UK Military Registered Air Systems	Initial
RA 1910	Quality Assurance of Aviation Fuels from non-MOD Sources	1910(1): Quality Assurance of Aviation Fuels from non-MOD Sources	Initial

Table 3: Regulatory Articles 4000 Series

RA 4000 Series			
RA Number	RA Description	Regulation	Issue
RA 4054	Ground Handling of Aircraft	4054(1): Qualification of Personnel	Initial
		4054(2): Ground Handling Operation	
		4054(3): Ground Handling Supervision	
RA 4055	Fuelling Operations for Aircraft on the Ground	4055(1): Ground Fuelling Operations – Personnel	Initial
		4055(2): Ground Fuelling Operations – Considerations	
RA 4056	Anti-Icing and De-Icing of Parked Aircraft	4056(1): Parking of Aircraft in Icing Conditions	Initial
		4056(2): Timing of Aircraft De-icing	
RA 4057	Flight Servicing	4057(1): Flight Servicing	Initial

RA 4000 Series			
RA Number	RA Description	Regulation	Issue
RA 4059	Continuous Charge	4059(1): Continuous Charge	2
RA 4063	Replenishment of Liquid and Gaseous Oxygen Systems in Exceptional Circumstances	4063(1): Replenishment of Aircraft Oxygen Systems Within Ship's Hangars	2
		4063(2): Replenishment of Aircraft Oxygen Systems Within Hardened Aircraft Shelters	
RA 4101	Aircraft Cabin Pressure Testing – Safety Health Environmental and Fire Precautions	4101(1): Cabin Pressure Testing	2
		4101(2): Personnel Requirements	
RA 4103	Decontamination of Aircraft after Spillage of Body Fluids	4103(1): Decontamination of Aircraft after Spillage of Body Fluids	2
RA 4104	Control of Compressed Gas and Pneumatic Lubricating Equipment	4104(1): Control of Compressed Gas and Pneumatic Lubricating Equipment	2
RA 4150	Training and Competence	4150(2): Defence Systems Approach to Training Quality Standard (DSAT QS)	2
RA 4155	Identification of Self-Supervised Tasks	4155(2): Identification of Self-Supervised Tasks	2
RA 4156	Identification of Elementary Self-Supervised Maintenance Activities	4156(2): Identification of Elementary Self-Supervised Maintenance Activities	2
RA 4161	Contractors' Working Parties Maintaining Aircraft at Stations, Ships and Units	4161(1): Requirements Definition	Initial
		4161(2): Contracts	
RA 4200	Maintenance Policy – General	4200(1): Maintenance	Initial
		4200(2): Continued Airworthiness	

RA 4000 Series			
RA Number	RA Description	Regulation	Issue
RA 4201	Maintenance Policy – Composite Materials	4201(1): Composite Materials Maintenance	Initial
		4201(2): Composite Materials Awareness and Husbandry	
		4201(3): Recording of Composite Materials Related Maintenance	
RA 4203	Preventative Maintenance	4203(1): Preventive Maintenance	Initial
RA 4204	Lifing of Aerospace Components	4204(1): Lifing of Aerospace Components	Initial
RA 4205	Corrective Maintenance	4205(1): Principles of Inspect and Repair as Necessary	2
		4205(3): Corrective Maintenance Capabilities	
		4205(4): Pre-Flight Faults	
		4205(5): In-Flight Corrective Maintenance	
		4205(6): Faults Arising during Continuous Charge	
		4205(7): Aircrew Accepted Faults	
		4205(8): Aircrew Reporting of Faults	
RA 4208	Dehumidification of Aircraft	4208(1): Dehumidification of Aircraft	Initial
RA 4210	Anti-Deterioration Maintenance of Equipment In Store	4210(1): Anti-Deterioration Maintenance of Equipment in Store	Initial
RA 4212	Ground Instructional Aircraft and Aero-Engines, and the Control of Components used in Simulators or as Ground Training	4212(1): Allocation of Aircraft and Components to Training	2
		4212(2): GIA and GTA Categorization	

RA 4000 Series			
RA Number	RA Description	Regulation	Issue
	Aids	4212(3): GIA, GTA and Flight Simulator Component Control	
		4212(4): GIA Maintenance and Management	
		Note: GTA Maintenance and Management	
RA 4213	Control of Aircraft Components used in Ground Test Facilities	4213(1): Control of Aircraft Components used in Ground Test Facilities	Initial
RA 4214	Support Policy Statements	4214(1): Support Policy Statements	2
RA 4253	Loose Articles – Precautions and Recovery Procedures	4253(1): Responsibilities of Ground Crew or Passengers	Initial
		4253(2): Loose Article Searches	
		4253(3): Release of Aircraft Following Unsuccessful Loose Article Search	
RA 4255	Electrical Bonding and Earthing of Aircraft and Associated Ground Support Equipment	4255(1): Electrical Bonding and Earthing of Aircraft and Associated Ground	Initial
RA 4256	Aircraft Weighing	4256(1): Aircraft Weighing	Initial
RA 4257	Surface Finish of Military Air Environment Equipment	4257(1): Surface Finish of Military Air Environment Equipment	Initial
RA 4266	Re-Use of Self Locking Fasteners	4266(1): Re-use of Self-locking Fasteners	Initial
RA 4303	Logistic Information Systems	4303(1): Interface of an LIS	Initial
		4303(2): Complementary requirements of an LIS	

RA 4000 Series			
RA Number	RA Description	Regulation	Issue
RA 4305	Electronic Documentation of Aircraft Maintenance	4305(1): Electronic Documentation of Aircraft Maintenance	Initial
RA 4351	Production and Maintenance of Maintenance Schedules	4351(1): Production and Maintenance of Maintenance Schedules	Initial
RA 4356	Topic 2(N/A/R) – General Orders, Special Instructions and Modifications	4356(1): Topic 2(N/A/R) – General Orders, Special Instructions and Modifications	Initial
RA 4401	Transfer of Aircraft and Equipment	4401(1): Transfer of Aircraft and Equipment	Initial
RA 4403	Expedient Repair	4403(1): Expedient Repair	2
RA 4457	Special Instructions (Technical)	4457(1): Special Instructions (Technical)	Initial
RA 4462	Aviation Local Technical Instructions	4462(1): Raising ALTIs	Initial
		4462(2): ALTI Restriction	
RA 4500	Health and Usage Monitoring	4500(1): Application of Health and Usage Monitoring Systems (HUMS)	Initial
		4500(2): Exploitation of HUMS	
RA 4504	Non-Destructive Testing	4504(1): Non-Destructive Testing (NDT)	Initial
RA 4507	Aircraft Environmental Damage Prevention and Control	4507(1): Platform Environmental Damage Prevention and Control (EDPC) Programme	Initial
		4507(2): Component Environmental Damage Prevention and Control Programme	
RA 4509	Aircraft Domestic Water	4509(1): Aircraft Domestic Water	Initial

RA 4000 Series			
RA Number	RA Description	Regulation	Issue
RA 4510	Ground Running of Aero-Engines and Auxiliary Power Units	4510(1): Ground Running of Aero-Engines and APUs	Initial
RA 4514	Contaminated Breathing Oxygen	4514(1): Contaminated Breathing Oxygen	Initial
RA 4515	Fuels, Lubricants and Associated Products	4515(1): Use of Standardized FLAP	Initial
		4515(2): Use of AVTUR/FSII (F-34)	
RA 4550	Electrical Wiring Interconnect System	4550(1): EWIS Regulation	Initial
		4450(2): EWIS Regulation Support	
RA 4551	Aircraft Wiring Husbandry	4551(1): Aircraft Wiring Husbandry	Initial
RA 4552	Use of Crimped Splices in Aircraft Electrical Wiring Interconnect System	4552(1): Use of Crimped Splices in Aircraft Electrical Wiring Interconnect System	Initial
RA 4553	Aircraft Electrical Wire	4553(1): Type of AEW to be Used on Aircraft	Initial
		4553(2): Importance of Wire Type	
RA 4554	Maintenance and Repair of Aircraft Data Buses	4554(1): Maintenance and Repair of Aircraft Data Buses	Initial
RA 4555	Aircraft Fibre Optic Systems	4555(1): Aircraft Fibre Optic Systems	Initial
RA 4556	Pitot Static Systems – Maintenance Responsibilities	4556(1): Maintenance of Pitot Static Systems	Initial
		4556(2): Sense and Leak Tests	
RA 4557	Electrostatic Discharge Sensitive Devices – Prevention of Damage by Static	4557(1): Electrostatic Discharge Sensitive Devices – Prevention of	Initial

RA 4000 Series			
RA Number	RA Description	Regulation	Issue
	Electricity	Damage by Static Electricity	
RA 4559	Aircraft COMSEC Material	4559(1): Aircraft COMSEC Material	Initial
RA 4561	Maintenance of Aircraft Compass Accuracy	4561(1): Maintenance of Aircraft Compass Accuracy	Initial
RA 4605	Compressed Gas Cylinders having an Airborne Application	4605(1): Compressed Gas Cylinders having an Airborne Application	Initial
RA 4607	Aircraft Role Equipment – Maintenance, Modification and Control	4607(1): Role Equipment Preventive Maintenance Schedule	Initial
		4607(2): Maintenance of Role Equipment	
RA 4654	Connecting Electro-Explosive Devices	4654(1): Connecting Electro-Explosive Devices	Initial
RA 4700	Military Air Environment Quality Policy	4700(1): Military Air Environment Quality Policy	Initial
RA 4800	General Requirements (MRP Part 145)	4800(1): General Requirements (MRP Part 145)	7
RA 4801	General Definitions (MRP 145.A.01)	4801(2): Certifying Staff (MRP 145.A.01(b))	3
RA 4802	Scope of the MRP Part 145 (MRP 145.A.10) - Approved Maintenance Organizations (AMOs) only	4802(1): Scope of the MRP Part 145 (MRP 145.A.10(a))	3
RA 4803	Application for Approval (MRP 145.A.15) - Approved Maintenance Organizations (AMOs) only	4803(1): Application for Approval (MRP 145.A.15(a))	4
RA 4804	Terms of Approval (MRP 145.A.20) - Approved Maintenance Organizations	4804(1): Terms of Approval (MRP 145.A.20(a))	3

RA 4000 Series			
RA Number	RA Description	Regulation	Issue
	(AMOs) only		
RA 4805	Facility Requirements (MRP 145.A.25)	4805(1): Facility Requirements (MRP 145.A.25(a))	3
		4805(2): Office Accommodation (MRP 145.A.25(b))	
		4805(3): Working Environment (MRP 145.A.25(c))	
		4805(4): Storage Facilities (MRP 145.A.25(d))	
RA 4806	Personnel Requirements (MRP 145.A.30)	4806(1): Accountable Manager (Maintenance) (MRP 145.A.30(a))	5
		4806(2): Personnel Responsible to the Accountable Manager (Maintenance) (MRP 145.A.30(b))	
		4806(3): Quality Manager (MRP 145.A.30(c))	
		4806(4): Maintenance Man-Hour Plan (MRP 145.A.30(d))	
		4806(5): Personnel Competences and Authorization (MRP 145.A.30(e))	
		4806(6): Non-Destructive Testing (MRP 145.A.30(f))	
		4806(7): Aircraft Certifying Staff (Line Maintenance) (MRP 145.A.30(g)) - Approved Maintenance Organizations (AMOs) only	
		4806(8): Aircraft Certifying Staff (Base Maintenance) (MRP 145.A.30(h)) - AMOs only	
		4806(9): Component Certifying Staff (MRP 145.A.30(i))	
		4806(10): Non-Engineering Staff (MRP 145.A.30(j))	

RA 4000 Series			
RA Number	RA Description	Regulation	Issue
RA 4807	Certifying Staff and Support Staff (MRP 145.A.35)	4807(1): Staff Knowledge (MRP 145.A.35(a))	3
		4807(2): Certification and Supervisory Authorizations (MRP 145.A.35(b))	
		4807(3): Staff Experience Requirements (MRP 145.A.35(c))	
		4807(4): Staff Continuation Training (MRP 145.A.35(d))	
		4807(5): Continuation Training Programme (MRP 145.A.35(e))	
		4807(6): Certifying Staff Competence Assessment (MRP 145.A.35(f))	
		4807(7): Issue of Certification Authorization (MRP 145.A.35(g))	
		4807(8): Certification Authorization Codes (MRP 145.A.35(h))	
		4807(9): Responsibility for Issuing Certification Authorization (MRP 145.A.35(i))	
		4807(10): Record of Staff (MRP 145.A.35(j))	
		4807(11): Provision to Staff of a Copy of their Authorizations (MRP 145.A.35(k))	
		4807(12): Requirement to Produce Certification Authorization (MRP 145.A.35(l))	
		4807(13): Minimum Age of Certifying Staff (MRP 145.A.35(m))	
RA 4808	Equipment Tools and Material (MRP 145.A.40)	4808(1): Equipment Tools and Materials (MRP 145.A.40(a))	3
		4808(2): Control of Equipment Tools and Materials (MRP 145.A.40(b))	

RA 4000 Series			
RA Number	RA Description	Regulation	Issue
RA 4809	Acceptance of Components (MRP 145.A.42)	4809(1): Component Classification (MRP 145.A.42(a))	3
		4809(2): Eligibility of Components (MRP 145.A.42(b))	
		4809(3): Local Manufacture/Fabrication of Components (MRP 145.A.42(c))	
		4809(4): Certification of Components as Unsalvageable/Scrap (MRP 145.A.42(d))	
RA 4810	Technical Information (MRP 145.A.45)	4810(1): Approved and Current Technical Information (MRP 145.A.45(a))	3
		4810(2): Applicable Technical Information (MRP 145.A.45(b))	
		4810(3): Requirement to Inform Technical Information Author of Errors (MRP 145.A.45(c))	
		4810(4): Modification of Technical Information (MRP 145.A.45(d))	
		4810(5): Common Work Card or Work Sheet (MRP 145.A.45(e))	
		4810(6): Availability of Technical Information (MRP 145.A.45(f))	
		4810(7): Maintaining the Amendment State of Technical Information (MRP 145.A.45(g))	
RA 4811	Maintenance Planning (MRP 145.A.47)	4811(1): Maintenance Planning System (MRP 145.A.47(a))	3
		4811(2): Human Factors Limitations (MRP 145.A.47(b))	
		4811(3): Handover of Maintenance Tasks (MRP 145.A.47(c))	
RA 4812	Certification of Aircraft and Component	4812(1): Certification of Aircraft Release (MRP 145.A.50(a))	3

RA 4000 Series			
RA Number	RA Description	Regulation	Issue
	Release (MRP 145.A.50)	4812(2): Aircraft Release for Flight (MRP 145.A.50(b))	
		4812(3): New Faults (MRP 145.A.50(c))	
		4812(4): Certification of Component Release and Cannibalization (MRP 145.A.50(d))	
		4812(5): Deferred and Incomplete Maintenance (MRP 145.A.50(e))	
RA 4813	Maintenance Records (MRP 145.A.55)	4813(1): Recording of Maintenance Work (MRP 145.A.55(a))	3
		4813(2): Copies of Maintenance Records (MRP 145.A.55(b))	
		4813(3): Retention of Maintenance Records (MRP 145.A.55(c))	
RA 4814	Occurrence Reporting (MRP 145.A.60)	4814(1): Unsafe Condition Reporting (MRP 145.A.60(a))	3
		4814(2): Internal Occurrence reporting (MRP 145.A.60(b))	
		4814(3): MOD Sponsored Reporting Action (MRP 145.A.60(c))	
RA 4815	Maintenance Procedures and Safety and Quality Policy (MRP 145.A.65)	4815(1): Organization Safety and Quality Policy (MRP 145.A.65(a))	3
		4815(2): Procedures for Good Maintenance Practices (MRP 145.A.65(b))	
		4815(3): Quality System (MRP 145.A.65(c))	
RA 4816	Maintenance Organization Exposition (MOE) (MRP 145.A.70) - Approved Maintenance Organizations (AMOs) only	4816(1): Content of an MOE (MRP 145.A.70(a))	5
		4816(2): Amendment of an MOE (MRP 145.A.70(b))	
		4816(3): Minor Amendment of an MOE (MRP 145.A.70(c))	

RA 4000 Series			
RA Number	RA Description	Regulation	Issue
		4816(4): Exemption to Content of MOE Due to EASA Part 145 Approval (MRP 145.A.70(d))	
RA 4817	Privileges of the Organization (MRP 145.A.75)	4817(1): Privileges of the Organization (MRP 145.A.75(a))	3
RA 4818	Limitations on the Organization (MRP 145.A.80) - Approved Maintenance Organizations (AMOs) only	4818(1): Limitations on the Organization (MRP 145.A.80(a))	3
RA 4819	Changes to the Organization (MRP 145.A.85) - Approved Maintenance Organizations (AMOs) only	4819(1): Changes to the Organization (MRP 145.A.85(a))	3
RA 4820	Continued Validity of Approval (MRP 145.A.90) - Approved Maintenance Organizations (AMOs) only	4820(1): Continued Validity of Approval (MRP 145.A.90(a))	5
		4820(2): Approval, Surrender, Suspension or Revocation (MRP 145.A.90(b))	
RA4821	Findings (MRP 145.A.95) - Approved Maintenance Organizations (AMOs) only	4821(3): Corrective Action Plan (MRP 145.A.95(c))	3
RA4941	Application - MRP Part M Sub Part G	4941(1): Application - MRP Part M Sub Part G	2
RA4943	Continuing Airworthiness Management Exposition (CAME) - MRP Part M Sub Part G	4943(1): Provision of the CAME	2
		4943(2): CAME Approval	
RA4945	Personnel Requirements - MRP Part M Sub Part G	4945(1): Requirements for the Military Continuing Airworthiness Manager (Mil CAM)	2

RA 4000 Series			
RA Number	RA Description	Regulation	Issue
		4945(2):Qualification of Personnel	
RA4947	Continuing Airworthiness Management - MRP Part M Sub Part G	4947(1): Military Continuing Airworthiness Management Organization (Mil CAMO) Responsibilities	2
RA4948	Documentation - MRP Part M Sub Part G	4948(1): Documentation	2
RA4951	Quality System - MRP Part M Sub Part G	4951(1): Establishing a Quality System	2
		4951(2): Functions of the Quality System	
		4951(3): Retention of Quality System Records	
RA4953	Record Keeping - MRP Part M Sub Part G	4953(1): Military Continuing Airworthiness Management Organization (Mil CAMO) Responsibilities	2
		4953(2): Retention of Records	
RA4954	Continued Validity of Approval - MRP Part M Sub Part G	4954(1): Continued Validity of Approval	3
		4954(2): Approval, Surrender, Suspension or Revocation	
RA4955	Findings - MRP Part M Sub Part G	4955(1): Findings	2
RA4956	Military Continuing Airworthiness Management Organization (Mil CAMO)Tasks Performed by Other Organizations - MRP Part M Sub Part G	4956(1): Sub-Contracting of Mil CAMO Tasks	2
RA4970	Baseline Military Airworthiness Review (BMAR)- MRP Part M Sub Part I	4970(1): Military Continuing Airworthiness Management Organization (Mil CAMO) Responsibilities	2

RA 4000 Series			
RA Number	RA Description	Regulation	Issue
		4970(2): Aviation Duty Holder (DH) Responsibilities	
RA4971	Military Airworthiness Review (Mil AR) and Certification - MRP Part M Sub Part I	4971(1): Military Continuing Airworthiness Management Organization (Mil CAMO) Responsibilities	2
		4971(2): MARC	
RA4972	Military Airworthiness Review Surveyors – MRP Part M Sub Part I	4972(1): Requirements of the Military Continuing Airworthiness Management Organization (Mil CAMO)	2
		4972(2): Military Airworthiness Review (Mil AR) Surveyor Records	
RA4973	Military Airworthiness Review Process – MRP Part M Sub Part I	4973(1): Mil AR Process	2
RA4974	Circumstances when Military Airworthiness Review Certificates become invalid – MRP Part M Sub Part I	4974(1): Circumstances when MARCs become invalid	Initial

Table 4: Regulatory Articles 5000 Series

RA 5000 Series			
RA Number	RA Description	Regulation	Issue
RA 5001	Certification and Release of Materiel	5001(1): Certification of Design	Initial
		5001(2): Flight Trials	

RA 5000 Series			
RA Number	RA Description	Regulation	Issue
RA 5101	DAOS Approval Procedures and Responsibilities	5101(1): Scheme Inclusion and Approval Award	6
		5101(2): Design Organization Appointment	
		5101(3): Validity of Approval	
RA 5102	Design and Development Responsibilities	5102(1): Responsibilities of a Contractor	Initial
		5102(2): Contractor Responsibilities for Sub-Contractors	
		5102(3): Sub-Contractors	
		5102(4): Designs Using Government Furnished Assets	
		5102(5): Relationship Between Contractor and MOD	
RA 5103	Certification of Design	5103(1): Approval of Certificate of Design	2
		5103(2): Format of Certificate of Design	
		5103(3): Retention of Certificate of Design	
		5103(4): Certification of Sub-contracted Items	
RA 5105	Requalification and Production Testing	5105(1): Requirement for Requalification	Initial
RA 5106	Aircraft Contractors' Responsibilities	5106(1): Equipment Development	3
		5106(2): Interface Requirements	
		5106(3): Systems and Equipment Installation	

RA 5000 Series			
RA Number	RA Description	Regulation	Issue
		5106(4): Electro-magnetic Compatibility	
RA 5107	Aircraft Repair Schemes	5107(3): Design Organization (DO) Repair Schemes	2
RA 5201	Interchangeability	5201(1): Interchangeability of Materiel	Initial
RA 5202	Certification for Flight Trials	5202(1): Scope of Military Flight Test Permit (MFTP)	Initial
		5202(2): MFTP Procedure	
RA 5203	Requirement Specifications	5203(1): Environmental Effect	Initial
		5203(2): Contract Specifications	
		5203(3): Sub-Contract Specifications	
		5203(4): Explosives, Electro-explosives Devices and Lasers	
RA 5204	Information for Installation of Aircraft or Remotely Piloted Air Systems Equipment	5204(1): Interface Responsibilities	Initial
RA 5205	Reporting of Mass for Aircraft Equipment	5205(1): Reporting of Mass for Aircraft Equipment	Initial
RA 5208	Testing of Experimental and Development Aircraft Equipment	5208(1): Equipment Standard	Initial
		5208(2): Test Schedules	
		5208(3): Responsibility for Tests	
		5208(4): Test Reports	

RA 5000 Series			
RA Number	RA Description	Regulation	Issue
RA 5209	Relationship between Service Units, MOD and Contractors in the Development of Materiel	5209(1): MOD and Contractor Relationship	Initial
RA 5211	Mock-Ups and Working Rigs	5211(1): Mock-ups and Working Rigs Conference	Initial
		5211(2): Direction on Mock-ups and Working Rigs	
RA 5212	Mass, CG and Associated Data of Aircraft	5212(1): Submission of Data	Initial
		5212(2): Mass and Centre of Gravity (CG) Determination	
RA 5213	Final Examinations and Conferences	5213(1): Aircraft Standard	Initial
RA 5214	Schedule of Equipment – Appendix A to the Aircraft Specification	5214(1): Preparation and Submission of an Appendix A	Initial
RA 5215	Provision of Miscellaneous Data during Development	5215(1): Drawing of Systems for which a Working Rig is Required	Initial
		5215(2): Models	
		5215(3): Information Required for Maintenance, Stowage and Transport of Aircraft Components	
		5215(4): External Colouring and Marking Drawings	
		5215(9): Software (Program) Documentation	
RA 5216	Contractor Participation in MOD Flight Testing	5216(1): Joint Trials	Initial

RA 5000 Series			
RA Number	RA Description	Regulation	Issue
RA 5217	Testing of Pre-Production Aircraft	5217(1): Ground Tests	Initial
		5217(2): Flight Tests	
		5217(3): Electro-Explosive Device (EED) Tests	
RA 5218	Testing of Production Aircraft	5218(1): Ground and Flight Tests	Initial
		5218(2): Pre-delivery Testing	
RA 5219	Instrumentation and Accident Data Recorder Requirements for Flight Tests of Aircraft	5219(1): Instrumentation and ADR Requirements	2
		5219(3): Identification of Instrumentation	
RA 5220	Special Flying Instructions and Restrictions on Flying	5220(1): Issuing of SFI in the Development Environment	Initial
		5220(2): Responsibilities of Contractors	
RA 5221	Traceability of Aircraft Identifiable Parts	5221(1): Identifiable Parts	Initial
RA 5301	Control of Designs	5301(1): Configuration Management of Design	Initial
		5301(2): Management of Design Records	
RA 5302	Design Records	5302(1): Custody and Maintenance of Design Records	2
RA 5303	Local Technical Committee (LTC)	5303(1): LTC Authority	Initial
		5303(2): LTC Administration	
		5303(3): Significant Design Changes	

RA 5000 Series			
RA Number	RA Description	Regulation	Issue
RA 5304	Configuration Control Board	5304(1): Configuration Control Board (CCB)	Initial
RA 5305	Modification Classification	5305(1): Modification Classifications	2
		5305(2): Riders and Qualifications to Modification Classifications	
RA 5306	Draft Modification Leaflets	5306(1): Preparation of Draft Modification Leaflets	Initial
RA 5307	Identification and Recording of Design and Modification States of Materiel	5307(1): Identification of Materiel	Initial
		5307(2): Mark or Model Numbers	
		5307(3): Methods of Indicating a Design Change	
		5307(4): Modification Plates	
		5307(5): Y-lists of Modifications	
RA 5309	Fatigue Type Record for Aircraft	5309(1): Fatigue Type Record for Aircraft	Initial
RA 5312	In-Service Design Changes	5312(1): In-Service Design Changes	Initial
RA 5401	Provision of Service Technical Publications	5401(1): Provision of Service Technical Publications	2
		5401(2): Validation of Service Technical Publications	
		5401(3): Verification of Service Technical Publications	
		5401(4): Amendments to Service Technical Publications	
RA 5404	Fault Reporting and Investigation	5404(1): Fault Reporting	Initial

RA 5000 Series			
RA Number	RA Description	Regulation	Issue
		5404(2): Quarantine and Disposal	
		5404(3): Fault Investigation	
RA 5405	Special Instructions (Technical)	5405(1): Special Instructions (Technical)	2
RA 5406	Aircrew Publications - Contractors Responsibilities	5406(1): Aircrew Publications – Contractors Responsibilities	Initial
RA 5501	Issue of MOD Owned Equipment	5501(1): Contractual Entitlement	Initial
		5501(2): Demand Procedure	
		5501(3): Return of Equipment	
RA 5502	Aircraft Maintenance Forms and Engineering Record Cards	5502(1): Applicability of Aircraft Maintenance Forms and Engineering Record Cards	2
		5502(2): Delivery or Transfer of Aircraft	
RA 5616	Drawing Procedure, Control of Designs and Design Records	5616(1): Drawing Procedure, Control of Designs and Design Records	Initial
RA 5617	Post Delivery Fault Reporting and Investigation	5617(1): Post Delivery Fault Reporting and Investigation	Initial
RA 5720	Structural Integrity Management	5720(1): Structural Integrity Management	3
		5720(2): Establishing Structural Integrity	
		5720(3): Sustaining Structural Integrity	

RA 5000 Series			
RA Number	RA Description	Regulation	Issue
		5720(4): Validating Structural Integrity	
		5720(5): Recovering Structural Integrity	
		5720(6): Exploiting Structural Integrity	
RA 5721	Systems Integrity Management	5721(1): Systems Integrity Management	3
		5721(2): Establishing Systems Integrity	
		5721(3): Sustaining Systems Integrity	
		5721(4): Validating Systems Integrity	
		5721(5): Recovering Systems Integrity	
		5721(6): Exploiting Systems Integrity	
RA 5722	Propulsion Integrity Management	5722(2): Establishing Propulsion Integrity	5
		5722(3): Sustaining Propulsion Integrity	
		5722(5): Recovering Propulsion Integrity	
		5722(6): Exploiting Propulsion Integrity	

4 QUALITY ASSURANCE

- 4.1 The key activities that will support Quality Assurance of this Contract are detailed within this Schedule 3 (*Quality Standards and Requirements*). Primarily, these include the Quality Plan provided pursuant to Paragraph **Error! Reference source not found.** of this Schedule 3 (*Quality Standards and Requirements*) requiring effective internal quality management processes to be in place and specifying appropriate contractual quality management requirements.
- 4.2 Joint Authority/Contractor Quality Assurance Group Meetings (QAG) shall be held monthly, as mutually agreed between the Parties at an Authority venue. The Authority shall chair and provide administrative and secretarial support at these meetings. The objectives of the meeting are to mutually discuss and progress issues, concerns and corrective, preventative actions to enhance the partnering approach.
- 4.3 The Contractor shall notify the Authority of his nominated Representative at the Effective Date.
- 4.4 The Contractor shall ensure that this Contract is carried out in conformity with the Quality Requirements specified in this Schedule 3 (*Quality Standards and Requirements*).
- 4.5 See Box 7 of DEFFORM 111 (*Appendix to Contract*) in Schedule 15 (Forms and Appendices) for details of the Authority's Quality Assurance Representative.
- 4.6 The Contractor shall comply with the Allied Quality Assurance Publications, Defence Standards and Regulatory Articles applied as stated in this Schedule 3.
- 4.7 As part of any investigation or audit, the Contractor shall grant the Authority access to any necessary facilities, personnel and information relevant to the Sentinel System (including test certificates and documentation) within the constraints of ITAR.

5 QUALITY PLAN

- 5.1 The Contractor shall provide a Quality Plan that is compliant with AQAP 2105 Ed 2 December 2009 to the Quality Assurance Representative in accordance with Paragraph 9 Contractor Documentation Requirements List Schedule 2 (*Statement of Work*). The Quality Plan, which includes the standards review detailed at Paragraph 1.1.2 of this Schedule to ensure its accuracy, suitability and applicability, will also be reviewed when contractual related changes occur in accordance with Schedule 6 (*Contract Change*). The Quality Plan shall be maintained throughout the Contract Period in accordance with Schedule 2 (*Statement of Work*) Paragraph 2.17.
- 5.2 Acceptance of the Quality Plan does not signify acceptance of liability for accuracy, suitability, currency or applicability. Acceptance of the Quality Plan signifies acknowledgement of the Contractor's intention to implement the provisions of the plan and that it will only be changed by mutual agreement.
- 5.3 Inclusion of new Standards or Regulatory Articles or updates to existing Standards and Regulatory Articles into this Schedule 3 (*Quality Standards and Requirements*) shall be made in accordance with the provisions of Paragraph 2.19 of Schedule 2 (*Statement of Work*) and Schedule 6 (*Contract Change*).
- 5.4 AQAP 2105 Ed 2 Nov 2009 Paragraph 3.4.2: "Revisions to the Quality Plan" shall be submitted to the GQAR and/or Authority in accordance with 3.2'; Paragraph 3.2.2: 'The GQAR or the Authority reserves the right to reject the Quality Plan and its revisions if not compliant with the contract requirements or if non-compliant to AQAP 2105 in accordance with the provisions of Clause 87 (*Acceptance*).'

6 QUALITY ASSURANCE OF PROCESSES

- 6.1 The Contractor shall have a Quality Management System (QMS) compliant with AQAP 2110 Edition 3 Dec 2009. The QMS includes the required processes and documentation necessary to ensure that the quality requirements are established and satisfied. The QMS will be detailed in the Quality Plan.
- 6.2 Control of items that require an Engineering Record Card shall be compliant with the requirements of RA 5502 and will be recorded on the LITS application.
- 6.3 Fault Reporting and Investigation procedures shall be compliant with the requirements of RA 5405.

7 ALLOTMENT UNDER CLAUSE 19

- 7.1 Specific activities that demarcate aircraft allotment boundaries between the Authority and the Contractor are set out in Schedule 2 (*Statement of Work*).

8 DQAFF REQUIREMENTS

- 8.1 For the purposes of this Contract, the Government Quality Assurance Representative (GQAR) shall be the Defence Quality Assurance Field Force (DQAFF). The GQAR will be provided with the requirements in Paragraph 9.0 of AQAP 2110, Edition 3, dated December 2009.