

Federal Department of the Environment, Transport, Energy and Communications DETEC

Federal Office of Civil Aviation FOCA Safety Division - Aircraft

Continuation Audit Report for Part-145 Maintenance Organisations USA/CH BASA MIP, FAA Special Conditions Canada/European Commission BASA Specific Regulatory Requirements, EASA/ANAC MAG ANAC Special Conditions

Comments regarding Part 145, FAA Special Conditions & TCCA Specific Regulatory Requirements & ANAC Special Conditions Compliance Status

	of organisation		Dassault Aviation Busin				
Address of organisation EASA Approval reference FAA Approval reference		chemin des Papillons 20, Case postale 36, 1215 Genève					
		CH.145.0248	15 Aéroport				
		FAA-T0VY392Y					
	Approval reference		819-03				
ANAC	Approval reference		2105-07				
Audit	reference		0006-6746				
Date o	f audit		06.02.2024				
Print o	late		08.02.2024				
Conte	nt		1. Findings				
			2. Summary of the Audit	t			
			3. Conclusions				
Locati	on of Surveillance Activity			Dassault Aviation Business Services SA			
				Base GVA Hangar 3			
			rue Robert-A Stierlin 6 1217 Meyrin				
FOCA	section		STOZ	STOZ			
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Reaso	n/Motivation of the SA		Periodical GVA Audit Ha	angar 3			
Scone	of EASA Part 145 Audit						
1.1	Statement by the accountable	1.2	Safety policy and objectives	1.3	Management personnel		
1.4	manager	1.5	Management organization abort	1.6	List of partifying staff support		
1.4	Duties and responsibilities of the management personnel	1.5	Management organisation chart	1.0	List of certifying staff, support staff and airworthiness review staff		
1.7	Manpower resources	1.8	General description of the facilities at each address intended to be approved	1.9	Organisation's intended scope of work		
1.10	Procedures for changes	1.11	Procedures for changes	1.12	Procedure for alternative means		
	(including MOE amendment) requiring prior approval		(including MOE amendment) not requiring prior approval		of compliance (AltMoC)		
2.1	Supplier evaluation and	2.2	Acceptance/inspection of aircraft	2.3	Storage, tagging and delivery of		
	subcontract control procedure		components and material and installation		components and material to maintenance		
2.4	Acceptance of tools and	2.5	Calibration of tools and	2.6	Use of tooling and equipment by		
2.7	equipment Procedure for controlling working	2.8	equipment Maintenance data and	2.9	staff (including alternate tools) Acceptance, coordination and		
2.1	environment and facilities	2.0	relationship to aircraft/aircraft	2.9	performance of repair works		
			component manufacturers' instructions including updating				
			and availability to staff				
2.10	Acceptance, coordination and	2.11	Acceptance, coordination and performance of airworthiness	2.12	Acceptance, coordination and		
	performance of scheduled maintenance works		directives works		performance of modification works		



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2.13	Maintenance documentation development, completion and	2.14	Technical record control	2.15	Rectification of defects arising during maintenance
2.16	sign-off Release to service procedure	2.17	Records for the person or organisation that ordered maintenance	2.19	Return of defective aircraft components to store
2.21	Control of computer maintenance record systems	2.22	Control of manhour planning versus scheduled maintenance work	2.23	Critical maintenance tasks and error-capturing methods
2.24	Reference to specific procedures such as:	2.25	Procedures to detect and rectify maintenance errors	2.26	Shift/task handover procedures
2.27	Procedures for notification of maintenance data inaccuracies and ambiguities	2.28	Production planning and organising of maintenance activities	2.30	Fabrication of parts
2.31	Procedure for component maintenance under aircraft or engine rating	2.32	Maintenance away from approved locations	2.33	Procedure for assessment of work scope as line or base maintenance
3.1	Hazard identification and safety risk management schemes	3.2	Internal safety reporting and investigations	3.3	Safety action planning
3.5	Change management	3.6	Safety training (including human factors) and promotion	3.7	Immediate safety action and coordination with the operator's (ERP)
3.8	Compliance monitoring	3.8.3	Audit findings- corrective action procedure	3.9	Certifying staff and support staff qualifications, authorisation and training procedures
3.10	Certifying staff and support staff records	3.11	Airworthiness review staff qualification, authorisation and records	3.12	Compliance monitoring and safety management personnel
3.13	Independent inspection staff qualification	3.14	Mechanics qualification and records	3.15	Process for exemption from aircraft/aircraft component maintenance tasks
3.16	Concession control for deviations from the organisation's procedures	3.17	Qualification procedure for specialised activities such as NDT, welding, etc.	3.18	Management of external working teams
3.19	Competency assessment of personnel	3.20	Training procedures for on-the- job training as per Section 6 of Appendix III to Part-66 (limited to the case where the competent authority for the Part-145 approval and for the Part-66 licence is the same)	3.22	Management system record- keeping
4.1	List of the commercial operators to which the organisation provides regular aircraft maintenance services	4.2	Customer interface procedures and paperwork	5.1	Sample documents



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5.2	List of subcontractors as per point 145.A.75(b)	5.3	List of line maintenance locations as per point 145.A.75(d)	5.4	List of contracted organisations as per point 145.A.70(a)(16)
5.5	List of used AltMoC as per point 145.A.70(a)(17)	L2.3	Line maintenance control of defects and repetitive defects	L2.4	Line procedure for completion of technical logs
L2.7	Line procedure for critical maintenance tasks and error- capturing methods		·		J.
Scope	of FAA Special Conditions	a Audit			
1.0	MaG Appendix 1, FAA Supplement				
Scope	Scope of TCCA Specific Regulatory Requirements Audit				
2.0 Appendix B1 TCCA Specific Regulatory Requirements					
Scope	of ANAC Special Condition	ns Audi	t		
3.0	EASA/ANAC MAG Appendix 2				

Name(s) and position(s) of the organisation's staff seen during the survey

Olivier GAUDARD	SHEET METAL SHOP STAFF
Sébastien NOLLET	SHOP SUPERVISOR
Benjamin CORNUT	CABINETRY STAFF
Jonathan Burget	NDT Lv. 2
Gilbert Burget	NDT Lv. 2
Luc POINSOT	SHOP SUPERVISOR
Onur OZEL	NDT Lv. 2
Simon PERRIN	REBORING SHOP STAFF
Adrien DURAT	ENGINE SHOP STAFF
Dominique SEGURA	QUALITY - CMM
Stéphan Buchs	Quality Manager
Laurent PORTIER	H1 HANGAR MANAGER
Thierry DUPORT	H3 HANGAR MANAGER
Nicolas SIMON	H3 MAINTENANCE MANAGER
Samuel POUTEAU	TEAM LEADER



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Florent FRANCESCHINI	B2 STAFF
Jérôme NICOLET	TOOLS SUPERVISOR
Florimond GILLET	SHOP SUPERVISOR
Thierry Barré	Compliance Monitoring Manager

Competent authority person(s)

Signature(s)

Marco Schuhmacher Auditor (STOZ) Oscar Koller Audit Team Leader (STOZ)



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1. Findings

- Level 1: Significant non-compliance with the applicable requirements of Regulation (EU) 2018/1139, its delegated and implementing acts or with the organisation's procedures and manuals, or with the organisation's certificate including the terms of approval, which lowers safety or seriously endangers flight safety.

- Level 2: Non-compliance with the applicable requirements of Regulation (EU) 2018/1139, its delegated and implementing acts or with the organisation's procedures and manuals, or with the organisation's certificate including the terms of approval, which is not classified as a level 1 finding.

- Observations: Not a level 1 or 2 finding. Ineffective performance, potential to cause a non-compliance, suggestions or improvements.

1a. Findings Part-145

# 1	Abbreviations if applicable: (R)egulation, Legal Basis; (T)opic; (E)xposition; (F)inding Text; (L)evel, Finding Level; (D)ue Date
R	• Part 145 (Annex II to Commission Regulation (EU) 1321/2014) [Amd. 2022/1360] / 145.A.42 (a) (v)
E	• MOE 2.2
F	Tool store: The soldering kit OA-1020-00 contained solder article no. 518644 dia. 0.5mm and solder with dia. 0.74mm with out traceability to its CoC and manufacturing source. Evidenced by missing CoC and missing DABS logistics label.
L	2
D	04.03.2024 (CAP Submit Date), 06.05.2024 (Root Cause Analysis Submit Date), 06.05.2024 (Finding Due Date)

# 2	Abbreviations if applicable: (R)egulation, Legal Basis; (T)opic; (E)xposition; (F)inding Text; (L)evel, Finding Level; (D)ue Date
R	• Part 145 (Annex II to Commission Regulation (EU) 1321/2014) [Amd. 2022/1360] / 145.A.30 (f)
E	• MOE 3.17
F	NDT shop: The record of NDT personnel revealed, that for staff no. NDT CH-1944 the annual proficiency review for UT was last performed January 27, 2023 and therefore overdue per NDT written practice. Further the last vision examination was done January 27, 2023, therefore overdue per written practice. Due to that the compliance monitoring manager has revoked with immediate effect the NDT- and certifying staff authorisation. Evidenced by missing current annual proficiency review and vision examination. Written practice ref. DA-0114 para. 3.3.1 and



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# 2	Abbreviations if applicable: (R)egulation, Legal Basis; (T)opic; (E)xposition; (F)inding Text; (L)evel, Finding Level; (D)ue Date
	4.5.
L	2
D	04.03.2024 (CAP Submit Date), 06.05.2024 (Root Cause Analysis Submit Date), 06.05.2024 (Finding Due Date)

Observations Part-145

# 1	Abbreviations if applicable: (R)egulation, Legal Basis; (T)opic, Reference No.; Observation T(Y)pe; (O)bservation
R	• Part 145 (Annex II to Commission Regulation (EU) 1321/2014) [Amd. 2022/1360] / 145.A.45 (e)
т	 Part 145 (AMO) 1, Base Maintenance Part 145 (AMO) 2, Line Maintenance Part 145 (AMO) 3, Component/Engine Maintenance Part 145 (AMO) 4, Subcontractors Part 145 (AMO) 5, NDT Inspection
Y	Recommendation
0	Task no. 1 on task card no. 42702 with reference to AMM T20-20-00-910-801 was signed as completed; however, attached AMM revealed, that point 5(D) to 5(C)(2) was marked as NA. It is recommended to make precise reference to the AMM tasks accomplished or to justify why the task is NA, or if accomplished with an other task card to make reference to it.

# 2	Abbreviations if applicable: (R)egulation, Legal Basis; (T)opic, Reference No.; Observation T(Y)pe; (O)bservation
R	• Part 145 (Annex II to Commission Regulation (EU) 1321/2014) [Amd. 2022/1360] / 145.A.42 (a) (v)
т	Part 145 (AMO) 1, Base Maintenance Part 145 (AMO) 2, Line Maintenance Part 145 (AMO) 3, Component/Engine Maintenance Part 145 (AMO) 4, Subcontractors Part 145 (AMO) 5, NDT Inspection
Y	Recommendation
0	Cabinetry shop: In the cabinet for consumable materials, Alexit hardener 402 was found with a DABS logistics label not showing the shelf life expiration date. The container was marked from manufacturer with a shelf life; however, the product was not expired at the time of audit.
	Recommend to review the material incoming process and related administration of shelf life.



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1b. Findings FAA Special Conditions

no record

Observations FAA

- no record

1c. Findings TCCA Specific Regulatory Requirements

- no record

Observations TCCA

- no record

1d. Findings ANAC Specific Regulatory Requirements

- no record

Observations ANAC

- no record

2. Summary of the Audit

2.1 General Impressions

Product line audit:



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Class rating A1

Falcon 2000EX, 9H-HAM, WP 48171 (2C-Check) incl. 12, 24, & 36 month inspections, AMP ref. Avcon-F2EX issue 1, revision 2E.

Task no. 42401, wire repair by splicing, modification kit EASA Form 1 form tracking no. 2990TF0244534.

Task no. 2721 pressure greasing of aileron system, tool MMG 060-01, grease MIL-PRF-23827 type II, lot no. 12014272, CoC refr. PO P133141.

Task 22401, SB F2000EX-462, electrical power protection for chaffing, critical task not jet signed (open task).

Tool store, diverse measuring equipment calibration and calibration certificate ok. Durometer A-0017-00 no calibration required, performance check per user manual with reference body D845.8928.

Class rating C6

Cabinetry and upholstery shop, no ongoing productive activity. Infrastructure, tooling, consumables ok. Staff qualification, authorisation P306222 valid until 7.2.2028, certifying staff authorisation for class rating C6, competency assessment done 4.2.2023, HFT 26.9.2023, EWIST 15.3.2023, internal safety training 26.9.2023.

Class rating D1

ET, WO14095, main wheel PN AHA2114, SN 5075HU, no crack indication, RtS, EASA Form 1 form tracking no. NDT_2024-001.

UT, A/C BD700, SN 9174, radome inspection and damage assessment per SRM table 101 rev. 64 Dec/19/2023, result two debonded areas (out of tolerance).

NDT staff records of NDT CH-1944 (UT, ET, MT, PT) and NDT CH-0005 (UT, ET).

Class rating A1 and C20

Sheet metal shop, removal of corrosion on APU support fitting end, Falcon 2000LX, reg. 9H-HAM, task no. 55302, PN F2MA 258050. Based on the remaining corrosion and based on SB no. 392 rev. Nov/13/2017, Dassault TCH has to be contacted for further disposition.



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Class rating A1 and C14

Reboring shop, preparation for repair per F50B112001200A4 F01-2 on F50M SN 034, RH MLG AFT, DABS task no. 99901.

Class rating B1 and C7 Engine shop, WP 48365, task no. 37202, 28 ea fan blades lubrication (root, face and bore) per GE service manual ref. SEI-780, rev. 63, Feb/01/2023 (CF34BJ) engine.

3. Conclusion

no records