Revision: 10.0 on 03/08/2019

Summary Information

DCT To Go Report

Purnose (Certificate

CH/A: JN1R - ALTA AVIONICS LLC DCT ID:41276-FY21Q2-4.7.3-0001 MLF Label: Tools and Equipment DCT Type: ED DCT Specialty: Airworthiness DCT Revision: 10.0 on 03/08/2019 (Released)

Holder Responsibility):	provide necessary tools and equipment to perfo	rm maintenance.			
	ermine if the CH will be able to; (1) Comply with ntenance, preventive maintenance, or alteration				3) Maintain tools to perform
		Common Data Fields			
□ *If work is offsite of the airfiel of the following	d, include one	· City			
▶ Address:		∘ State			
▶ Latitude/Longitude:		∘ Postal C	ode		
Start Date		∘ Country			
End Date		∘ Latitude			
Location: (Nearest) Airfield		∘ Longitud	e		
Address 1		Related/Affiliated	d Maintenance Designator		
Address 2		CH/A Provided		No	
Address 3					
		Supplemental Information			
SRR 145.109(a), 145.109(b), 145.10	9(c), 145.209(c), 145.211(c), 43.13(a)				
Advisory Circular (AC) AC-145-9					
FAA Order 8900.1 8900.1 Vol 3 Ch 15 Sec 1, 8900	.1 Vol 6 Ch 11 Sec 17, 8900.1 Vol 6 Ch 11 Sec :	20, 8900.1 Vol 6 Ch 9 Sec 9			
		PI Instructions			
	Questions		Answers		Response Detail, Comments and Actions
4.7.3 Tools and Equipment					
resources for the safety and of Safety Attribute: Responsibil Scoping Attribute: IF (FAR P. PROGRAMS = "SMSVP") THE	sure the individual with responsibility provides quality performance of this element? ity, Question Type: Output Validation, ART = "135" OR "145" OR "141" OR "142" OR "14" OR "142" OR "14". N ACTIVATE, Rev. 2 3/8/2019 12:47:48 PM, ils: Responsibility ED/EP/SP DCTs (Both OP an	47") AND NOT (SAFETY	O Yes O No		
control resources, change pr decisions for this element? Safety Attribute: Authority, G Scoping Attribute: IF (FAR P. PROGRAMS = "SMSVP") THE	learly identifiable, qualified and knowledgeable ocedures and make key determinations including the street of the	ng safety risk acceptance 47") AND NOT (SAFETY	O Yes O No		
action if necessary? Safety Attribute: Process Me Scoping Attribute: IF (FAR P.	exist to evaluate the performance of this elem asurement, Question Type: Output Validation, ART = "135" OR "145" OR "141" OR "142" OR "1. N ACTIVATE, Rev. 2 3/8/2019 12:47:48 PM,	·	O Yes O No		

Printed: 02/25/2021 10:16:54 Page 1 of 8

QID: 51945, Response Details: Process Measurement ED/EP/SP DCTs (Both OP and AW)

Revision: 10.0 on 03/08/2019

	Questions	Answers	Response Detail, Comments and Actions
7 Do the procedures specify responsibility for too	ol calibration?.	O Yes	
REFERENCES: Advisory Circular (AC) AC-145-9		O Yes O No O Not Applicable	
Safety Attribute: Procedures, Question Type: (Scoping Attribute: IF (FAR PART = "145") THEN QID: 7612, Response Details: EP & ED DCTs (ACTIVATE QUESTION, Rev. 1 5/14/2014 10:51:14 AM,		
8 Do the procedures specify who is responsible are maintained? REFERENCES:	for maintaining calibration records and where the records	O Yes O No O Not Applicable	
Advisory Circular (AC) AC-145-9		Тоттринальный	
NOTE: This includes both internal and external			
Safety Attribute: Procedures, Question Type: (Scoping Attribute: IF (FAR PART = "145") THEN QID: 7613, Response Details: EP & ED DCTs (ACTIVATE QUESTION, Rev. 1 5/14/2014 10:51:14 AM,		
	ment, and materials necessary to perform the work be Station's control when the work is being performed?	O Yes O No	
REFERENCES: SRR 145.109(a)		O Not Applicable	
Advisory Circular (AC) AC-145-9			
Safety Attribute: Procedures, Question Type: (Scoping Attribute: IF (FAR PART = "145") THEN QID: 7614, Response Details: EP & ED DCTs (ACTIVATE QUESTION, Rev. 1 5/14/2014 10:51:14 AM,		
traceable to one of the following: #1. A standard acceptable to the FAA; #2. NIST; #3. Manufacturer's standards; or	easuring devices, and test equipment to be calibrated and	O Yes O No O Not Applicable	
REFERENCES: SRR 145.109(b), 145.211(c) Advisory Circular (AC) AC-145-9 FAA Order 8900.1 8900.1 Vol 3 Ch 15 Sec 1, 8900.1 Vol 6 Ch 11 Sec Safety Attribute: Procedures, Question Type: 0	ec 17, 8900.1 Vol 6 Ch 11 Sec 20, 8900.1 Vol 6 Ch 9 Sec 9		
	ACTIVATE QUESTION, Rev. 2 3/18/2015 9:00:08 AM,		
11 Does the manual include procedures for obtain by the Repair Station?	ning (i.e., leasing, renting, etc.) equipment that is not owned	O Yes O No	
REFERENCES: SRR 145.209(c)		O Not Applicable	
Advisory Circular (AC) AC-145-9 FAA Order 8900.1 8900.1 Vol 6 Ch 9 Sec 9			
Safety Attribute: Procedures, Question Type: 0 Scoping Attribute: IF (FAR PART = "145") THEN QID: 7620, Response Details: EP & ED DCTs (ACTIVATE QUESTION, Rev. 4 3/15/2017 10:13:58 AM,		
of the article or equivalent to what is recommend	ent, tools, and materials recommended by the manufacturer ded by the manufacturer and acceptable to the FAA?	O Yes O No O Not Applicable	
REFERENCES: SRR 145.109(c), 43.13(a) FAA Order 8900.1		- Not Applicable	

Printed: 02/25/2021 10:16:54

Page 2 of 8

Revision: 10.0 on 03/08/2019

Questions	Answers	Response Detail, Comments and Actions
8900.1 Vol 6 Ch 11 Sec 17, 8900.1 Vol 6 Ch 11 Sec 20		
Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "145") THEN ACTIVATE QUESTION, Rev. 1 5/14/2014 10:51:14 AM, QID: 7621, Response Details: EP & ED DCTs (Both OP and AW)		
13 Do the procedures specify how tools and equipment not requiring calibration will be identified and controlled?	O Yes O No	
REFERENCES: Advisory Circular (AC) AC-145-9	O Not Applicable	
Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "145") THEN ACTIVATE QUESTION, Rev. 1 5/14/2014 10:51:14 AM, QID: 7622, Response Details: EP & ED DCTs (Both OP and AW)		
14 Do the procedures require the calibration of automated test equipment?	O Yes	
REFERENCES: Advisory Circular (AC) AC-145-9	O No O Not Applicable	
Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "145") THEN ACTIVATE QUESTION, Rev. 1 5/14/2014 10:51:14 AM, QID: 7623, Response Details: EP & ED DCTs (Both OP and AW)		
 Does the Quality Control Manual require the periodic inspection and calibration of: #1. Precision tools; #2. Measuring devices; and #3. Test equipment? 	O Yes O No O Not Applicable	
REFERENCES: SRR 145.211(c) Advisory Circular (AC) AC-145-9 FAA Order 8900.1 8900.1 Vol 6 Ch 9 Sec 9		
NOTE: An appropriate inspection and calibration frequency should ensure the precision tool, measuring device, or test equipment remains calibrated during its inspection and calibration cycle. This covers all repair station-owned, employee-owned, contractor, and leased tools and equipment.		
Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "145") THEN ACTIVATE QUESTION, Rev. 3 3/15/2017 10:13:58 AM, QID: 7624, Response Details: EP & ED DCTs (Both OP and AW)		
16 Do the procedures include a means to identify and control each of the following, used for establishing the basis of product acceptance or for making a finding of airworthiness (approval for return to service): #1. Precision tools; #2. Measuring devices; and #3. Test equipment?	O Yes O No O Not Applicable	
REFERENCES:		
SRR 145.109(b), 145.211(c) Advisory Circular (AC) AC-145-9		
FAA Order 8900.1 8900.1 Vol 3 Ch 15 Sec 1, 8900.1 Vol 6 Ch 11 Sec 17, 8900.1 Vol 6 Ch 11 Sec 20, 8900.1 Vol 6 Ch 9 Sec 9		
Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "145") THEN ACTIVATE QUESTION, Rev. 3 3/15/2017 10:13:56 AM, QID: 7628, Response Details: EP & ED DCTs (Both OP and AW)		
17 Do the procedures include instructions for changing calibration intervals?	O Yes	
REFERENCES: Advisory Circular (AC) AC-145-9	O No O Not Applicable	
Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "145") THEN ACTIVATE QUESTION, Rev. 1 5/14/2014 10:51:14 AM, QID: 7632, Response Details: EP & ED DCTs (Both OP and AW)		
18 Do the procedures include instructions and information for calibrations performed by outside contractors?	O Yes	

Printed: 02/25/2021 10:16:54 Page 3 of 8

Revision: 10.0 on 03/08/2019

Questions	Answers	Response Detail, Comments and Actions
REFERENCES: Advisory Circular (AC) AC-145-9	O No O Not Applicable	
Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "145") THEN ACTIVATE QUESTION, Rev. 1 5/14/2014 10:51:14 AM, QID: 7633, Response Details: EP & ED DCTs (Both OP and AW)		
19 Do the procedures include a method to evaluate and document the adequacy of each equivalent: #1. Precision tool; #2. Measuring device; and #3. Test equipment?	O Yes O No O Not Applicable	
REFERENCES: SRR 145.109(c), 43.13(a) Advisory Circular (AC) AC-145-9 FAA Order 8900.1		
8900.1 Vol 6 Ch 11 Sec 20, 8900.1 Vol 6 Ch 9 Sec 9 NOTE: The basis of equivalency is the requirement that the article meet the manufacturer's standards and		
specifications in all respects regarding tolerances, repeatability, and accuracy. Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "145") THEN ACTIVATE QUESTION, Rev. 3 3/15/2017 10:13:58 AM, QID: 7634, Response Details: EP & ED DCTs (Both OP and AW)		
20 Do the procedures require inspection and calibration records (i.e., test reports, inspection and calibration reports, or certificates) for precision tools, measuring devices, and test equipment to include the: #1. Name of the person who performed the calibration; #2. Date of calibration; #3. Date the next calibration is due; #4. Standard used to perform the calibration; #5. Method used to perform the calibration; and #6. Results of the calibration?	O Yes O No O Not Applicable	
REFERENCES: SRR 145.109(b), 145.211(c) Advisory Circular (AC) AC-145-9 FAA Order 8900.1 8900.1 Vol 3 Ch 15 Sec 1, 8900.1 Vol 6 Ch 11 Sec 17, 8900.1 Vol 6 Ch 11 Sec 20, 8900.1 Vol 6 Ch 9 Sec 9 NOTE: This applies to both in-house and contracted calibration records. Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "145") THEN ACTIVATE QUESTION, Rev. 3 3/15/2017 10:13:55 AM, QID: 7638, Response Details: EP & ED DCTs (Both OP and AW)		
21 Do the procedures include a method to inform each user of the current inspection and calibration status of: #1. Precision tools; #2. Measuring devices; and #3. Test equipment?	O Yes O No O Not Applicable	
REFERENCES: SRR 145.109(b), 145.211(c) Advisory Circular (AC) AC-145-9 FAA Order 8900.1 8900.1 Vol 3 Ch 15 Sec 1, 8900.1 Vol 6 Ch 11 Sec 17, 8900.1 Vol 6 Ch 11 Sec 20, 8900.1 Vol 6 Ch 9 Sec 9 Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "145") THEN ACTIVATE QUESTION, Rev. 3 3/15/2017 10:13:55 AM, QID: 7645, Response Details: EP & ED DCTs (Both OP and AW)		
22 Do the procedures require the recall or removal from service of any precision tool, measuring device, or test equipment that: #1. Has exceeded its inspection or calibration interval; #2. Has broken inspection or calibration seals; #3. Is suspected of malfunctioning; or #4. Is determined to be unreliable?	O Yes O No O Not Applicable	
REFERENCES: SRR		

Printed: 02/25/2021 10:16:54 Page 4 of 8

Revision: 10.0 on 03/08/2019

Questions	Answers	Response Detail, Comments and Actions
145.109(b), 145.211(c) Advisory Circular (AC) AC-145-9 FAA Order 8900.1 8900.1 Vol 3 Ch 15 Sec 1, 8900.1 Vol 6 Ch 11 Sec 17, 8900.1 Vol 6 Ch 11 Sec 20, 8900.1 Vol 6 Ch 9 Sec 9		
Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "145") THEN ACTIVATE QUESTION, Rev. 3 3/15/2017 10:13:55 AM, QID: 7649, Response Details: EP & ED DCTs (Both OP and AW)		
23 Do the procedures require inspected products to be recalled if the measuring equipment was out of tolerance when the work was performed? REFERENCES:	O Yes O No O Not Applicable	
Advisory Circular (AC) AC-145-9		
Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "145") THEN ACTIVATE QUESTION, Rev. 1 5/14/2014 10:51:14 AM, QID: 7654, Response Details: EP & ED DCTs (Both OP and AW)		
24 Do the procedures include methods to prevent maintenance from being performed with tools and test equipment that have been used for in-house calibration standards? REFERENCES:	O Yes O No O Not Applicable	
FAA Order 8900.1 8900.1 Vol 6 Ch 9 Sec 9		
Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "145") THEN ACTIVATE QUESTION, Rev. 3 3/18/2015 9:00:14 AM, QID: 7655, Response Details: EP & ED DCTs (Both OP and AW)		
Do the procedures require proper storage, handling, and transporting of: #1. Precision tools; #2. Measuring devices; and #3. Test equipment?	O Yes O No O Not Applicable	
REFERENCES: Advisory Circular (AC) AC-145-9 FAA Order 8900.1 8900.1 Vol 6 Ch 9 Sec 9		
Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "145") THEN ACTIVATE QUESTION, Rev. 3 3/15/2017 10:13:57 AM, QID: 7656, Response Details: EP & ED DCTs (Both OP and AW)		
26 Does the Repair Station Manual describe the Repair Station's: #1. Equipment; #2. Tooling; and #3. Materials used to perform maintenance, preventative maintenance, or alterations in accordance with part 43?	O Yes O No O Not Applicable	
REFERENCES: SRR 145.209(c) Advisory Circular (AC) AC-145-9 FAA Order 8900.1		
8900.1 Vol 6 Ch 9 Sec 9 Safety Attribute: Procedures, Question Type: Output Validation,		
Scoping Attribute: IF (FAR PART = "145") THEN ACTIVATE QUESTION, Rev. 3 3/15/2017 10:13:57 AM , QID: 7660, Response Details: EP & ED DCTs (Both OP and AW)		
27 Do the procedures include instructions for accepting new precision test equipment into the inventory? REFERENCES: Advisory Circular (AC) AC-145-9	O Yes O No O Not Applicable	
Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "145") THEN ACTIVATE QUESTION, Rev. 1 5/14/2014 10:51:14 AM, QID: 7664, Response Details: EP & ED DCTs (Both OP and AW)		
28 Do the procedures include instructions for calibrating non-destructive testing equipment?	O Ves	

Printed: 02/25/2021 10:16:54 Page 5 of 8

Revision: 10.0 on 03/08/2019

Questions	Answers	Response Detail, Comments and Actions
REFERENCES: SRR 145.211(c) Advisory Circular (AC) AC-145-9 Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "145") THEN ACTIVATE QUESTION, Rev. 1 5/14/2014 10:51:14 AM,	O No Not Applicable	
QID: 7665, Response Details: EP & ED DCTs (Both OP and AW)		
30 Do the procedures require personnel calibrating tools and equipment to have the knowledge, training, or experience necessary to ensure proper calibration?	O Yes O No	
REFERENCES: Advisory Circular (AC) AC-145-9	O Not Applicable	
NOTE: Records of the training or experience will need to be in each employee's training file or employment summary.		
Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "145") THEN ACTIVATE QUESTION, Rev. 1 5/14/2014 10:51:14 AM, QID: 7667, Response Details: EP & ED DCTs (Both OP and AW)		
32 Do procedures exist in enough detail to meet the regulatory and guidance requirements for this element to produce the intended results?	O Yes O No O Not Applicable	
Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "135" OR "145" OR "141" OR "142" OR "147") AND NOT (SAFETY PROGRAMS = "SMSVP") THEN ACTIVATE, Rev. 2 3/8/2019 12:47:47 PM, QID: 51940, Response Details: EP & ED DCTs (Both OP and AW)		
34 Do controls exist within this element that ensure risks are reduced to an acceptable level?	O Yes O No	
Safety Attribute: Controls, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "135" OR "145" OR "141" OR "142" OR "147") AND NOT (SAFETY PROGRAMS = "SMSVP") THEN ACTIVATE, Rev. 2 3/8/2019 12:47:47 PM, QID: 51941, Response Details: Controls ED/EP/SP DCTs (Both OP and AW)		
36 Does the certificate holder have a method to evaluate the impact of changes on related processes (interfaces) for this element?	O Yes O No	
Safety Attribute: Interfaces, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "135" OR "145" OR "141" OR "142" OR "147") AND NOT (SAFETY PROGRAMS = "SMSVP") THEN ACTIVATE, Rev. 2 3/8/2019 12:47:47 PM, QID: 51942, Response Details: Interfaces ED/EP/SP DCTs (Both OP and AW)		
38 Does the process design require that individuals understand their safety role and how it contributes to the safety performance of this element?	O Yes O No	
Safety Attribute: Safety Ownership, Question Type: Output Validation, Scoping Attribute: IF (FAR PART = "135" OR "145" OR "141" OR "142" OR "147") AND NOT (SAFETY PROGRAMS = "SMSVP") THEN ACTIVATE, Rev. 2 3/8/2019 12:47:48 PM, QID: 51946, Response Details: Safety Ownership ED/EP/SP DCTs (Both OP and AW)		
Response Details List EP & ED DCTs (Both OP and AW) (Released, 1.0)		

Response Details List EP & ED DCTs (Both OP and AW) (Released, 1.0)		
1	Unclear procedure(s)	
2	Conflicting procedure(s)	
3	Used workaround(s)	
4	Skipped process step(s)	
5	Personnel failed to follow process (procedures, guidance, etc)	
6	Procedures/guidance not available	
7	Procedures/guidance not current	
8	Inconsistent procedure(s)	
9	Undocumented procedure(s)	
10	Minor typographical error(s) (i.e. record entries)	
11	Information missing	

Printed: 02/25/2021 10:16:54 Page 6 of 8

Revision: 10.0 on 03/08/2019

	Revision. 10.0 on 03/08/2019
12	Communication failure(s)
13	Personnel failed to perform task
14	Process failed to meet desired outcome
15	Process oversight failure
16	Equipment/tools not available
17	Equipment/tools not adequate
18	Equipment/tools not calibrated
19	Facilities not adequate
20	Other
Respons	se Details List N/A Response Detail (Released, 2.0)
1	Not applicable or authorized for the certificate holder or applicant
2	Other
	se Details List Controls ED/EP/SP DCTs (Both OP and AW) (Released, 1.0)
1	Failure to identify hazards or ineffective risk controls
2	Failure to develop and maintain risk controls
3	Failure to effectively mitigate risk before applying risk controls
4	Risk controls ineffective
5	Unclear risk controls
6	Failure to assess risk for a new system
7	Failure to assess risk when revising an existing system
8	Failure to assess risk when developing operational procedures
9	Failure to maintain records of outputs of risk control assessments
10	Other
	se Details List Interfaces ED/EP/SP DCTs (Both OP and AW) (Released, 1.0)
1	Internal communication failure(s)
2	
3	External communication failure(s) Lack of interfaces
4	Inconsistent interfaces
5	Poor coordination between departments and employees
6	Failure of interfaces between processes or procedures
7	Other
	se Details List Responsibility ED/EP/SP DCTs (Both OP and AW) (Released, 1.0)
1	Failed to provide financial resources
2	Failed to provide sufficient human resources
3	Individual not clearly identified
4	Failure to ensure safety of process
5	Failure to oversee operations conducted under the certificate
6 7	Failed to ensure quality performance of process
	Process oversight failure
8	Communication failure(s)
9	Other
	se Details List Authority ED/EP/SP DCTs (Both OP and AW) (Released, 1.0)
1	Process oversight failure
2	Unacceptable safety risk acceptance
3	Ineffective planning of resources
4	Ineffective use of resources
5	Ineffective control of resources
6	Failure to implement safety risk processes
7	Process owner not clearly identified
8	Unqualified

Printed: 02/25/2021 10:16:54 Page 7 of 8

Revision: 10.0 on 03/08/2019

9	Other		
Respon	Response Details List Process Measurement ED/EP/SP DCTs (Both OP and AW) (Released, 1.0)		
1	Inadequate monitoring of operations processes		
2	Ineffective evaluations of processes or systems		
3	Undocumented or insufficient investigations		
4	Failure to conduct audits		
5	Ineffective audits		
6	Failure to detect changes in the operational environment		
7	Personnel failed to perform/follow process (procedures, guidance, etc.)		
8	Process failed to meet desired outcome		
9	Process oversight failure		
10	Other		
Respon	Response Details List Safety Ownership ED/EP/SP DCTs (Both OP and AW) (Released, 3.0)		
1	Unaware of or ineffective safety policies or processes		
2	Unaware of or ineffective safety related reporting tools		
3	Unclear safety policy		
4	Ineffective safety related training		
5	Lack of safety culture		
6	Unclear safety objectives		
7	Other		