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Revision Controlled Quality Manual #: \_\_\_\_\_

# FAA Repair Station Quality Control Manual Mo/Yr Mo/Yr All rights

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Your Company Logo

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## 1.0 Quality Control Manual (QCM)

The Company operates a quality management system to control:



### 1.1 Revision Control

The Quality Manager is responsible for making manual revisions and submits revisions to the Federal Aviation Administration (FAA) for review and acceptance. Revisions to the manual are distributed and made available to the FAA and electronic or manual systems. The Company does not incorporate changes to manual revisions that are unacceptable to the FAA or do not conform to applicable regulations. Maintenance and/or administrative actions performed under manual revisions that were found unacceptable to the FAA are corrected. The Company ensures that each manual holder or designated location receives each revision. Revisions to the manual are identified by a vertical bar in the margin or other suitable method to indicate the revised portion of text. This is accomplished by:



NOTE: An acknowledgement form may be used for tracking the receipt and insertion of the revision by the manual holder to ensure accountability. After receiving a revision, each manual holder should

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The Company addresses how to establish the qualifications of the inspection personnel. The initial

qualification may be based on

# 3.0 Current Technical Data

Part 43, section 43.13(a) and part 145, sections 145.201(c) and 145.211(b)

### 3.1 General

3.1 General
The Company ensures that current technical data is available for the scope of work the Company is
performing. The Company requires each person performing maintenance, alteration or preventive
maintenance to use
maintenance to use
The certificated repair station does not approve for
return to service any article unless
The technical data used by the Company includes any of the following:
a)
b)
c)
3.1.1
The data used by the Company to perform a specific maintenance function is current and available
to maintenance and inspection personnel when the maintenance is being performed. The Company
ensures that someone in the Company is responsible for
The Company ensures that any subscriptions to required technical data are
The Company describes how the revised technical data will be inserted into
existing documents and how the appropriate individuals will be notified about revisions.
3.1.2
The Company enables a complete document control system to provide for distribution,
accountability and availability of documents. Document control procedures may include:
a)
b)
e)
3.1.3
The Company ensures accurate and timely distribution of the material. Additional procedures
address
3.1.4
The Company ensures that the manufacturer's drawings and data that is used to perform
maintenance meets the requirements of section 43.13(a). The parts manufactured by the production
side of the Company are not used unless

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### 3.1.5

The Company ensures an accurate, timely and complete translation of technical data before distribution if it has been translated into another language. Provisions are made for quality control personnel to review and approve the translated material before distribution.

The technical data that needs to be translated may include 3.1.6 The use of computer software for component testing (of airborne systems or equipment, avionics systems, engines, etc.) includes This is accomplished by: a) b) c) d) e) f) g) 4.0 Inspection and Quality Control System Part 145, sections 145.211 and 145.4 The Company provides for: a) b) c) d) General (C) 4.1 The Company describes the inspection system in detail, from establishing the purchase of aviation articles and how that material is inspected upon receipt, The Company describes each step in a format easily understood by the employees (a flowchart may

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be helpful in developing the procedures). The Company also describes the system for

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### 4.2 Reporting Malfunctions or Defects

The Company notifies the FAA within 96 hours after discovering any failure, malfunction or defect of an article. This report is in a format acceptable to the FAA.

The repair stations may use FAA Form 8010-4, Malfunction or Defect Report. Information for completion of this form maybe found in AC 20-109, as amended. Examples of the types of information received on these reports may be found in AC 43-16, Aviation Maintenance Alerts, as amended. The Company may submit a Service Difficulty Report - Aeronautical Equipment, FAA Form 8070-1, for a certificate holder operating according to 14 CFR parts 121, 125 or 135 (information for completion of Form 8070 1 is attached to the form). The Company does not report

### 4.3 Continuity of Inspection Responsibility

The Company provides procedures for ensuring that the responsibilities of its inspectors are properly performed if they cannot complete the task. When the Company uses multiple shifts, the procedures ensure

### 4.4 Receiving Policy

The Company addresses the procedures used for accepting consumable materials and Customer parts. The Company generally describes how material is

Additionally, the procedure includes

4.4.1

Procedures include visual inspection of the container and contents for shipping damage, packing and proper paperwork. The Company provides procedures to assist receiving personnel in performing their tasks, such as

The procedure includes

4.4.2

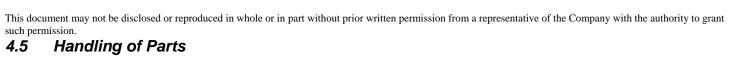
Receiving personnel review paperwork received with articles maintained by other facilities contracted by the Company or parts received from foreign manufacturers (refer to AC 20-62, Eligibility, Quality and Identification of Aeronautical Replacement Parts, as amended).

The Company addresses

4.4,3

The Company describes how parts are stored and requisitioned for particular work.

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The Company provides sufficient space to segregate articles and materials stocked for installation from those articles undergoing maintenance, preventive maintenance or alterations. Throughout the maintenance cycle, care is provided when

The Company provides for segregation and protection of parts, avoiding metal-to-metal contact contamination and preservation.

When the Company moves articles from one area of the facility to another it ensures

### 4.6 Tagging and Identification

All articles undergoing maintenance within the Company are identified using

Articles

awaiting repairs are identified differently than those that are repaired. Articles that are deemed non-repairable are

### 4.7 Incoming Inspection

The Company provides procedures that describe the incoming inspection of raw materials used by the Company for maintenance, preventive maintenance or alteration.

The Company defines what is considered raw material and describes how

The Company also includes procedures for handling suspected unapproved parts. Raw materials documentation or certifications are kept on file and the procedure addresses

This is accomplished by:

a)
b)
c)
d)
e)
f)

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such permission.	iniout prior writ	ten permission i	Toma representative of the company with the authority to green
1)			
j)			
k)			
1)			\O <sub>1</sub>
4.8 Preliminary Inspection			ajoe
The Company addresses what constitutes a	prelimina	arv inspec	etion, how that inspection will be
performed and how the article will be ident			
evaluates an article to determine			
			The results of
inspections are documented and are commi		o the Cust	tomer. The forms used to record the
inspection are used to identify the article un	ntıl		
The Company notifies the Customer of any	defects t	hat are ou	tside the scope of the Customer's
authorized repair.	derects t	nat are ou	district the scope of the customer's
This is accomplished by:		Allii	2,
a)		111	
b)		b.	
c)	1	<b>*</b>	
d)			
e)			
f)			
g) h)			
i)			
j)			
k)			
1)			
m)			
n)			
o)			
p) q)			
·O )			
4.9 Hidden Damage Inspection			
Hidden damage inspection includes		•	
			ded on the same form used for the
preliminary inspection. Inspection personne	ei are exp	erienced e	enough with the article to recognize
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j)

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### 4.11 Final Inspection

Final inspection is performed on each article before it is approved for return to service. Final inspection includes The Company develops a The individual checklist to ensure performing this inspection meets the requirements of section 145.155, which requires The person is able to understand, read and write English. As stated in section 145.213, except for individuals employed by a repair station located outside the United States, only an employee certificated under part 65 is authorized to This is accomplished by: a) b) c) d) e) f) g) h) i) **i**) k) 1) m) n) 4.12 Work Sign-Off Many repair stations use rubber stamps or electronic media instead of signatures to annotate the completion of a task on a traveler, work order, process sheet, inspection sheet, or similar document.

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The intent of the stamp or electronic sign-off is to

The stamp or electronic sign-off used is often more legible than hand-written initials. When the Company chooses to use stamps or electronic media, it has a control program that addresses the following:



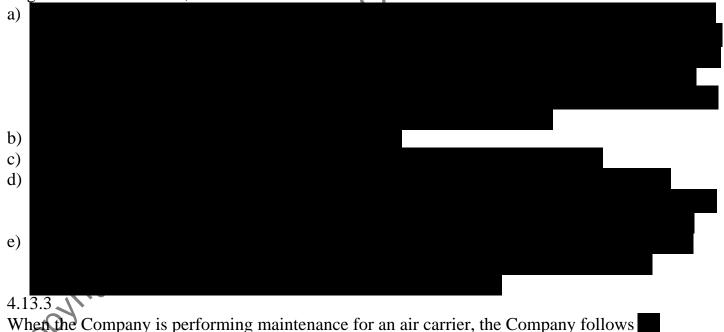
Exemptions from the regulations will no longer be required to use electronic media because the rule allows the use of electronic systems. The Company has procedures that fully describe the system and its use.

# 4.13 Maintenance Release and Approval for Return to Service

4.13.1

The maintenance release document meets the requirements of part 43, sections 43.9 and 43.11. The repair station that is Joint Aviation Authorities (JAA) certificated uses FAA Form 8130.3 as a maintenance release for articles returned to JAA member countries. 4.13.2

Regardless of the format, the contents includes:



4.13.4

The approval for return to service may be a separate document, included in the work order, or entered into the aircraft maintenance records. When the maintenance is a major repair, the

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	. 1		
Personnel calibrating tools and equipmer	nt have		
Procedures add	dress		
Troccures adv	diess		· ·
The procedures al	so describe		
			72
5.2 Calibration Records			*S reserved worldwo.
Calibration records include the following	·		.110
a)	•		-87
b)			
c)			0
d)			
e) f)			6
The results of the calibration includes			**
The results of the cultoration includes			
The procedures states			
		<i>b</i> .	
5.2.1	$\cdot$ $\cdot$ $\cdot$ $\cdot$ $\cdot$ $\cdot$	*	191 1
When the Company calibrates its own eddeveloped. The techniques describes	uipment, a	series of g	gage calibration techniques are
developed. The techniques describes			
The technique includes			
			<del>-</del>
5.2.2			the inclusion type of man collibrated
Calibrated equipment is identified in son equipment in the maintenance process. T		-	
equipment in the maintenance process. I	ne identifie	ation mer	udes
		are protec	ted from damage and deterioration
during handling, maintenance and storag	e.		
5.2.3 The Co. 1.	41. 24 . 1 . 2 . 2	. 4 :	calibration if that conjugate is not
The Company may use some equipment used to make airworthiness determination		-	
asover make an worthiness determination	ns. The proc		DECITO
This is accomplished by:			<u></u>
a)			
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# 6.0 Taking Corrective Action on Deficiencies

Section 145.211(c)

# 6.1 General

The Company provides procedures for taking corrective action on deficiencies.

The correction of deficiencies includes

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			•.()
In either event, the procedures address			
in either event, the procedures address			
6.1.1			
Several levels of management within the or	ranizatio	n oro inve	alvad in the corrective ection program
to ensure quality. Corrective action investig			
			and involved individuals are
associated with the article / process. Focus	is praced	OII	
		• 1 1.1	The product is checked to
determine whether the corrective action has	s accompl	ished the	elimination of the deficiency /
discrepancy.			
This is accomplished by:			•
a)			
b)			
c)			
d)			
e)			
f)			
6.1.2			
When regularly scheduled management rev	iew meet	ings are c	onducted, the investigation, cause
and corrective actions taken to prevent recu	irrence of	discrepar	ncies are a topic of discussion during
those meetings.		_	
Š			
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# 7.0 Self Evaluation

The individual performing self-evaluations	has the fo	ollowing (	qualifications:
a)			
b)			
c)			+
			110
The individual uses			
that the Company has the following:			The self-evaluation ensures
a)			The self-evaluation ensures
b)			
c)			
d) e)			
The individual conducting the self-evaluati	on record	s the resu	lts and
		The p	rocedures describe the acceptance
process for the Company officials and the I	FAA. The	procedur	e used to revise the list
	Reco	ds of the	self-evaluation are made available to
the FAA in the English language.			
This is accomplished by:			
a)			
b) c)			
d)			
e)			
f)			
g) b)			
h)			
8.0 Forms and Instructions			
Section 145.211(c)(3) and section 145.2190	(c)		
8.1 General			
The Company provides samples of inspecti	on and m	aintenanc	e forms and provides instructions for
their completion. The forms include			
Changes are documented accord	ling to sta	ndard rev	rision procedures.
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This is accomplished by:



### 9.0 Definition of Terms

### a. Acceptable

Data is acceptable when it meets the requirements of the applicable regulations.

# b. Accountable Manager

The person designated by the certificated repair station that is responsible for and has the authority over all Company operations that are conducted under part 145. This person's duties include ensuring that Company personnel follow the regulations and serving as the primary contact with the Federal Aviation Administration (FAA).

## c. Approved

Approved by the Administrator unless used with reference to another person. Approval is granted to a repair station when the information, such as a process specification or rating, is listed on the operations specifications (OpSpecs).

### d. Article

An aircraft, airframe, aircraft engine, propeller, appliance, or component part.

### e. Contracting

Entering into an agreement between two or more persons for the performance of maintenance functions on an article.

### f. Correction

An action taken to eliminate a detected nonconformity. For repair stations electing to use an International Organization for Standardization (ISO 9001) quality system, a correction may involve repair or rework and may be made in conjunction with a corrective action.

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### g. Corrective Action

An action taken to eliminate the cause of a detected nonconformity or other undesirable condition to prevent its reoccurrence. For repair stations electing to use an ISO 9001 or similar system, the undesirable condition may include potential regulatory violations, which differs from a nonconformity requiring correction.

### h. Designated Engineering Representative (DER)

A private person designated by the FAA Administrator to act as its representative for examining, inspecting, and testing aircraft and related data. A DER may recommend approval or approve data within the limitations of his or her certificate of authority.

### i. Directly in Charge

Responsible for the work of a certificated repair station that performs maintenance, preventive maintenance, alterations, or other functions affecting aircraft airworthiness. A person directly in charge doesn't need to physically observe and direct each worker constantly, but must be available for consultation on matters requiring instruction or decision from higher authority.

- j. Line Maintenance
- (1) Any unscheduled maintenance resulting from unforeseen events; or
- (2) Scheduled checks that contain servicing and/or inspections that do not require specialized training, equipment, or facilities.

### k. Maintenance

Inspection, overhaul, repair, preservation and the replacement of parts, excluding preventive maintenance.

### 1. Maintenance Function

A step or series of steps in the process of performing maintenance, preventative maintenance, or alterations, which result in approving an article for return to service.

### m. Major Alteration

An alteration not listed in the aircraft, aircraft engine, or propeller specifications that:

- (1) Might appreciably affect weight, balance, structural strength, performance, power plant operation, flight characteristics, or other qualities affecting airworthiness; or
- (2) Is not done according to accepted practices or cannot be done by elementary operations.

# n. Major Repair

# A repair that:

- (1) If improperly done, might appreciably affect weight, balance, structural strength, performance, power plant operation, flight characteristics, or other qualities affecting airworthness; or
- (2) Is not done according to accepted practices or cannot be done by elementary operations.

# o. Operations Specifications (OpSpecs)

The official document that describes the authorizations, ratings and limitations of the repair station.

### p. Preventive Action

An action taken to eliminate the cause of a potential nonconformity or other potentially undesirable situation. For repair stations electing to use an ISO 9000 system, preventative action is taken to prevent an occurrence, whereas corrective action is taken to prevent a reoccurrence. For a repair

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station using an American Society for Quality (ASQ) system, preventative action is taken to remove or improve a process to prevent potential future occurrences of a nonconformance.

### q. Preventive Maintenance

Simple or minor preservation operations and the replacement of small standard parts not involving complex assembly operations.

### r. Procedure

A specified way to perform an activity or a series of steps, such as a procedure that describes the methods, steps, or means to carry out policy

s. Quality Control Manual (QCM)

A manual that describes the inspection and quality control procedures used by the repair

t. Rating

A statement that, as a part of the repair station's certificate, describes the special conditions, privileges, or limitations issued under part 145, sections 145.59 and/or 145.61

u. Repair Station Manual (RSM)

A manual that describes the procedures and policies of a repair station's operations.

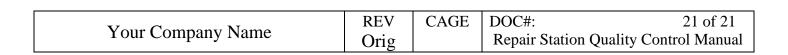
v. Required Inspection Item (RII)

An item of maintenance that, if not performed properly or if improper parts or materials are used, could result in a failure, malfunction, or defect, endangering the safe operation of the aircraft. An RII must be inspected by a trained, qualified and authorized inspector.

The inspector must be listed on the repair station's roster but can't be the same individual who performed the work. (See parts 121, 125 and 135, sections 121.371, 125.251 and 135.429 for details of this requirement).

w. Supervisor

A person who directs the work performed under the repair station's certificate and OpSpecs. (See part 145, section 145.153 for supervisory personnel requirements.) COPYIIONICO JAIR COPYIIONICO



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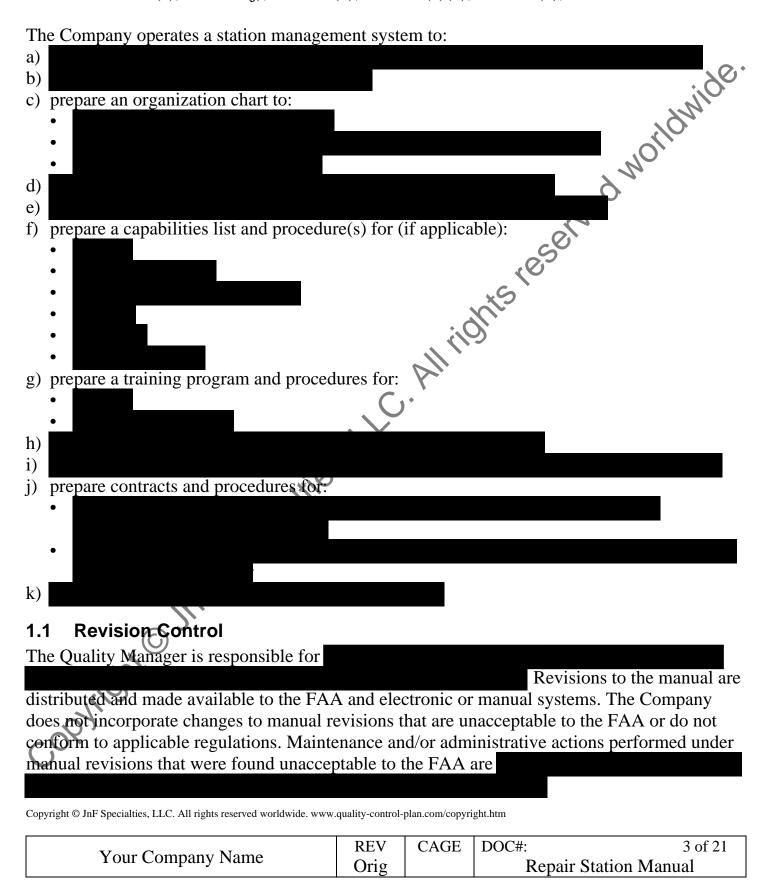
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# 1.0 Company Manual

Sections 145.207(e), 145.209(j), 145.209(k), 145.211(c)(4), 145.211(d), and AC 120-78



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a)			
b)			
c)			
d)			
NOTE: An acknowledgement form may be	e used fo	or trackin	g the receipt and insertion of the
revision by the manual holder to ensure a			- 1
holder should		J	
			*S
1.2 Electronic Format			Mr.
	itan nativ	ouls on oth	on alastronia madium
Manual(s) may be maintained on a computer of the manual			a network server, the Company
provides for the following:	u is mam	tapied on	a network server, the company
a) Security		*	
b) Access			
c) Revisions			
d) Availability			
d) Availability			
If the manual is maintained on		the	e Company provides for the
following.			1 7 1
a)			
62			
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c)			
d)			
NOTE:			
All Company document submissions, reg	gardless of	f the med	ia used, are
2.0 Organization			
Section 145.209(a)			ia used, are
500tion 1 (5.20)(a)			101
2.1 Organization Chart			7 12
An organization chart identifies (by title	only) eacl	h manage	
on behalf of the Company. Positions desc	cribed in t	he organi	zational chart are included in the
duties and responsibilities section 2.2. W			
operators under 145.205 and is performing		e chart ref	elects the separation between the
maintenance and inspection departments.	•		*5
This is accomplished by:		4	Kits
a)		);	<i>y</i>
b)			
c)			
d)			
e)	21		
•.0			
2.2 Duties and Responsibilities			
The Company ensures that the duties and	-		
within the facility. Duties and responsibil	lities that	are outsic	le the scope of management but are
part of the regulatory requirements are			
This is accomplished by:			
a) b)			
b)			
c)			
d)			
<u> </u>			
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### 3.0 Personnel Roster

Part 145, sections 145.161, 145.209(b), 145.161(a)(4), and Part 65

A personnel roster is maintained that lists individuals within the facility that are authorized to perform certain functions, such as

The Company maintains a personnel coster or rosters that list

This is accomplished by:

a)
b)

c)

d)
e)
f)
g)
h)

# 4.0 Operations, Housing, Facilities, Equipment, and Materials

Part 43 and part 145, sections 145.101 through 145.109

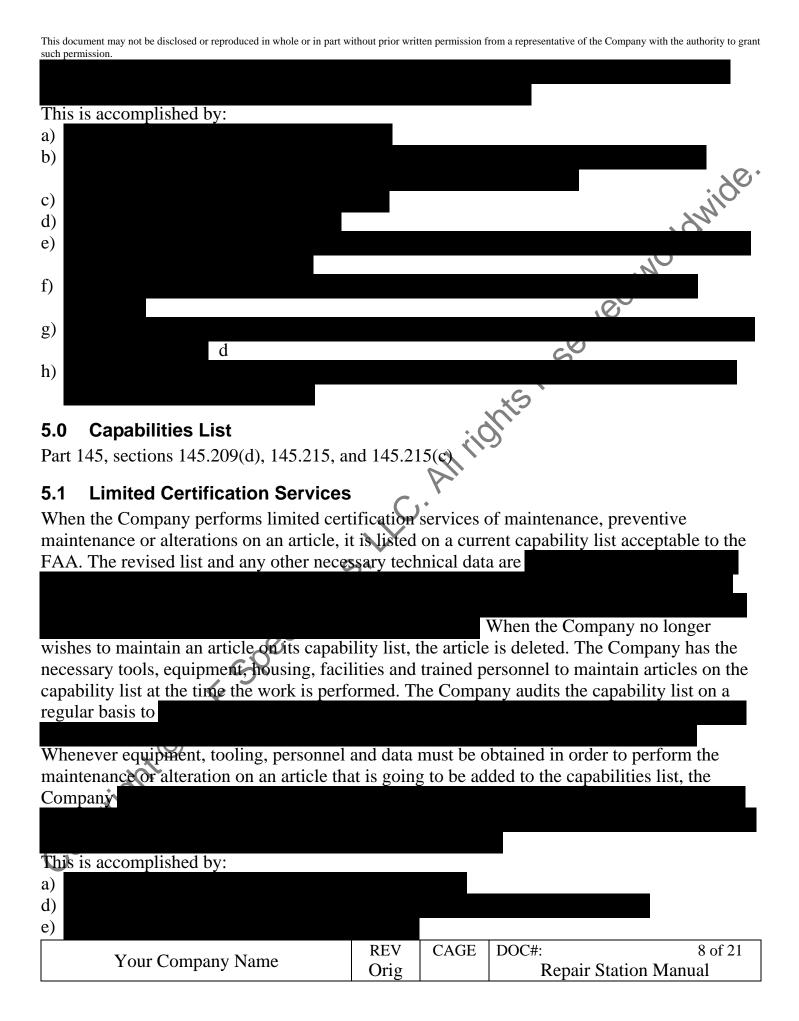
# 4.1 Operations

The Company operates a quality management system to control:

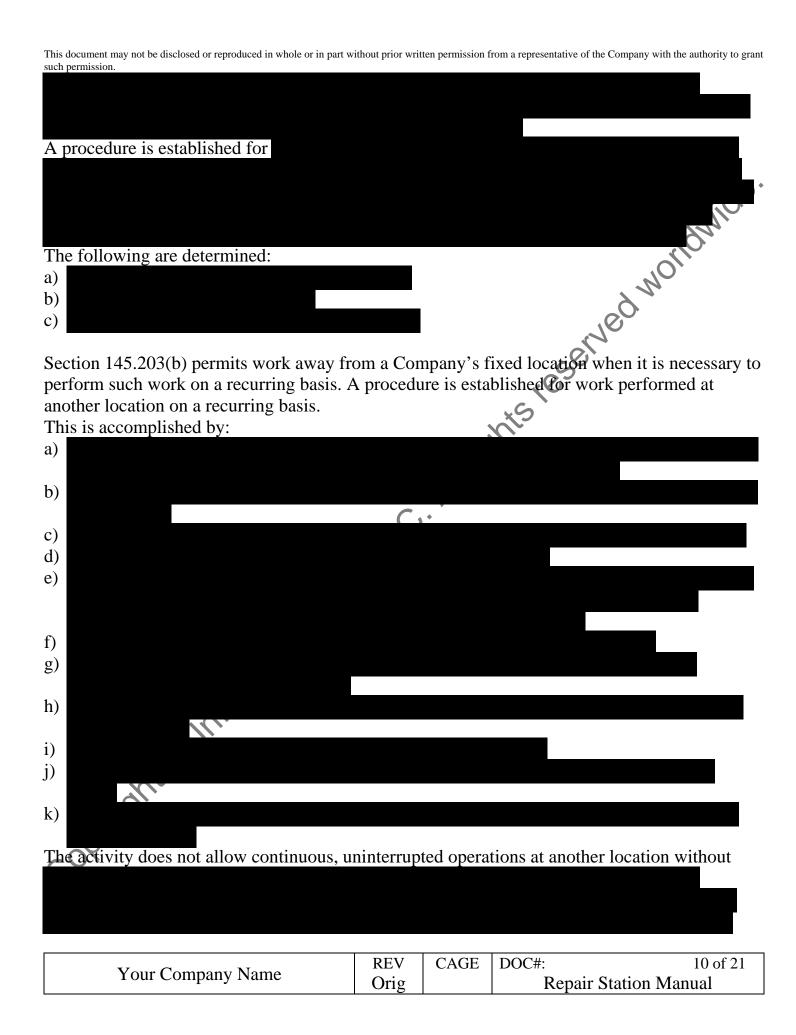
<b>a</b> )				
b)				
c)				
	D. 17.1	G + G P	D 0 G !!	

Vous Commons Nome	REV	CAGE	DOC#:	6 of 21
Your Company Name	Orig		Repair S	tation Manual

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f)			, dvide
g) h)			A STATE OF THE STA
4.2 Housing and Facilities			712
The Company makes available a descript			and facilities and reference to a
drawing showing the floor plan. The draw	ving may	include	
4.3 Equipment and Materials			
The Company has the equipment, tools an	nd materi	als necess	sary to perform the maintenance.
The equipment, tools and materials are  A description of the equipment used to pe	erform ma	aintenanc	e is provided with sufficient
information to prevent			
			The list is available for review by
the FAA.	L		
<b>4.3.1 Equivalent Tools and Equipment</b> When the Company uses equipment, tool		rials othe	r than those recommended by the
manufacturer, the equivalency of equipment			•
	,		
Reverse engineering inc	ludes		
The basis of equivalency is			
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g)			
h)			
m) n)			4 moldwide.
0)			injo
6.0 Training Program			
Part 145, sections 145.163 and 145.209(e)			40,
The training program addresses who is res	ponsible	for mana	iging the training program and who
is responsible for			
Procedures include			
The training program addresses			
This is accomplished by:	11		
a)			
b)			
c)			
d) e)			
f)			
g)			
7.0 Work Performed at Another Lo		45 202	
Part 43 section 43.9, Part 65 and Part 145 s	section 1	43.203.	
Work may be performed away from the Co	ompany'		
two circumstances: (1)	ormally,		or (2) formed at another location does not
include			
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owen permission			
			Additionally, work that is to be
performed at another location does not in-	clude		
			:,86
8.0 Maintenance, Preventive Mair	ntenance	and Al	terations Performed for Air
Carriers under Parts 121, 125,	, 129 and	d 135	
Part 43 section 43.13(c), Part 145 section	145.205		<i>4</i> 0.
The Company describes the procedures to			
the air carrier's program and maintenance	e manual.	The proc	edures ensure
			The procedures identify
Additional proceed	ures may	be requir	red to ensure
The traveler or work-order system may be		integrate	the information into the quality
control system. The procedure clearly exp	plains		
Additionally, when th	e Compa	ny perfor	ms RII inspections, the
organizational structure provides			
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V. C. Y.	REV	CAGE	DOC#: 11 of 21
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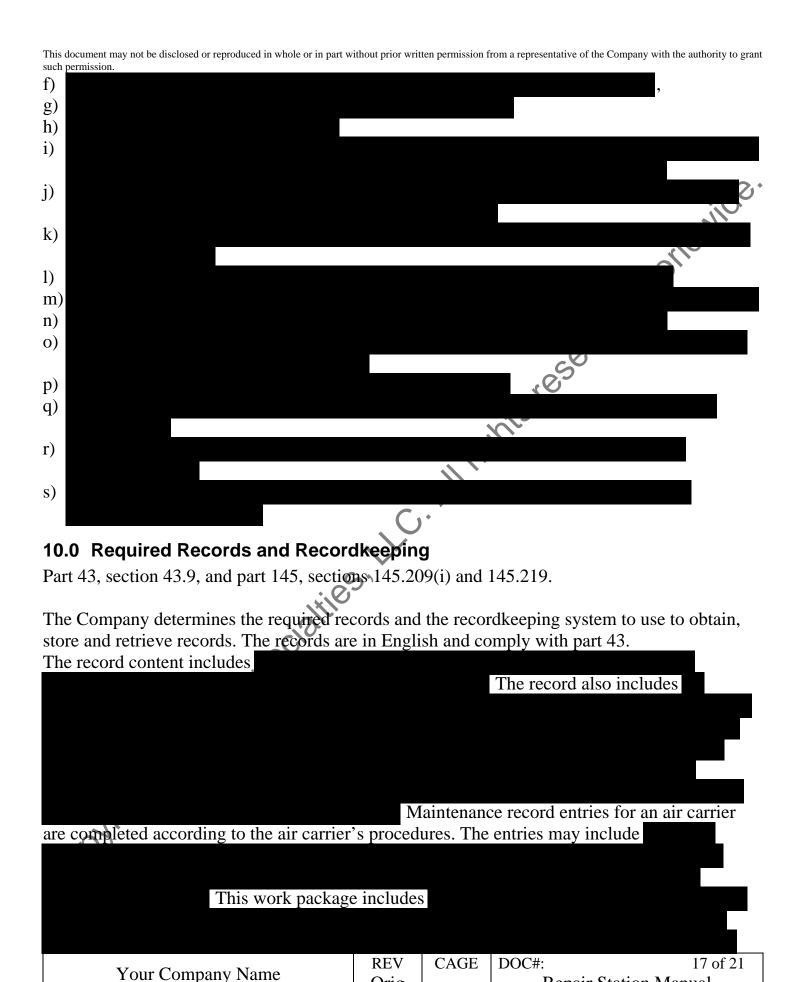
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b)			
c)			
d)			
2)			· C:
e) f)			
g)			
NOTE The second second	•	•	
NOTE: The authorization to perform line	station m	aıntenan	ce for an air carrier is not a rating.
A certificated Company must			
			.0,5
9.0 Contract Maintenance Informa	ation		
Part 145, sections 145.209(h), 145.211(c)	, and 145	.217.	Nis es
		; (C	
A certificated Company may not provide			
certificated product following contract ma		15	
The Company establishes procedures for		_	_
information required by section 145.217.			s provided for contracting to both
certificated and non-certificated facilities,	, which in	cludes	
When the contracted Company is certification	ated the i	nformatio	on includes
when the contracted Company is certified	atea, the i	mormati	on merades
The Company acquires FAA approval to	contract 1	naintenar	nce functions to FAA certificated
facilities and non-FAA certificated source			
			_
The Company lists the types of contracts	that must	be contra	acted because it does not have the
housing, facilities, materials or equipment	t availabl	e on its p	remises and under its control.
These may include			
	P.51.	G + 67	DOG!!
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9)
10)
11)
12)
13)
When the Company contracts a maintenance function to another FAA-certificated Company, the certificated Company may not provide only approval for return to service of a complete
type-certificated product following contract maintenance, preventive maintenance or alterations.
When the originating Company chooses to exercise the privileges of its certificate by issuing an
approval for return to service for a maintenance function contracted to an FAA-certificated Company, the Buyer determines
The Buyer may issue an additional approval for return to service, such as
provided the Buyer:
$\begin{array}{c} (1) \\ (2) \end{array}$
(3)
Items received from a certificated Company are properly processed through the Company's
receiving inspection procedures. The originating Company is responsible for
The Company is responsible for approxing for return to service any article on which work has
The Company is responsible for approving for return to service any article on which work has been performed and ensures its dirworthiness. Inspection procedures enable the Company to
The procedures also include provisions for
The information identifies:
a)
b).
c)_
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Your Company Name

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Repair Station Manual

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Orig

**Repair Station Manual** 

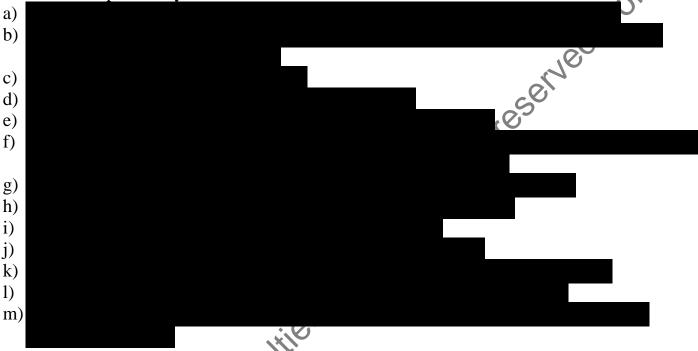
	When the	Company	performs	aircraft inspections, the	records
nclude					
					Ya.
upplemental forms in a wo	<u>rk</u> package n	nay includ	le, but are	not limited to:	110
				onot limited to:	)
				-6	
				200	
) )				-61	
The Company provides a co	nv of the ma	intenance	release to	the owner/operator	
When FAA Form 8130-3 is				_	
	asea as a ma		rerease, t	in the oras metade	
rocedures describe the ons	ite and/or off	site locati	ons of the	e records and the system	used to
etrieve the records. The rete	ention interva	al and retr	ieval prod	cess is determined. Stora	ıge
provisions include					
0.1 Electronic Record	keeping Sy	stems			
When an electronic records	( )		directions	s about how to use the sy	vstem are
vailable to each person using	,				) Stelli til
1	J. J		<i>J</i>		
his is accomplished by an	operation ma	nual that	contains a	procedure for:	
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The Company addresses guidelines and requirements for electronic signatures according to AC 120-78 and provides a copy of the procedures for implementing an electronic recordkeeping system to the CHDO.

This is accomplished by:



### 11.0 Definition of Terms

### a. Acceptable

Data is acceptable when it meets the requirements of the applicable regulations.

# b. Accountable Manager

The person designated by the certificated Company who is responsible for and has the authority over all Company operations that are conducted under part 145. This person's duties include ensuring that Company personnel follow the regulations and serving as the primary contact with the Federal Aviation Administration (FAA).

## c. Approved

Approved by the Administrator unless used with reference to another person. Approval is granted to a Company when the information, such as a process specification or rating, is listed on the operations specifications (OpSpecs).

### d. Article

An aircraft, airframe, aircraft engine, propeller, appliance, or component part.

### e. Contracting

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Entering into an agreement between the originating certificated Company and another person or people to perform maintenance functions on an article. The originating Company exercises the privileges of its certificate and assumes responsibility for the work performed by the contracted person(s).

### f. Correction

An action taken to eliminate a detected nonconformity. For Companies electing to use an International Organization for Standardization (ISO 9001) quality system, a correction may involve repair or rework and may be made in conjunction with a corrective action.

### g. Corrective Action

An action taken to eliminate the cause of a detected nonconformity or other undesirable condition to prevent its reoccurrence. For Companies electing to use an ISO 9001 or similar system, the undesirable condition may include potential regulatory violations, which differs from a nonconformity requiring correction.

### h. Designated Engineering Representative (DER)

A private person designated by the FAA Administrator to act as its representative for examining, inspecting, and testing aircraft and related data. A DER may recommend approval or approve data within the limitations of his or her certificate of authority.

### i. Directly in Charge

Responsible for the work of a certificated Company that performs maintenance, preventive maintenance, alterations, or other functions affecting aircraft airworthiness. A person directly in charge doesn't need to physically observe and direct each worker constantly, but must be available for consultation on matters requiring instruction or decision from higher authority.

- j. Line Maintenance
- (1) Any unscheduled maintenance resulting from unforeseen events; or
- (2) Scheduled checks that contain servicing and/or inspections that do not require specialized training, equipment, or facilities.

### k. Maintenance

Inspection, overhaul, repair, preservation, and the replacement of parts, excluding preventive maintenance.

### 1. Maintenance Function

A step or series of steps in the process of performing maintenance, preventative maintenance, or alterations, which result in approving an article for return to service.

### m. Major Alteration

An alteration not listed in the aircraft, aircraft engine, or propeller specifications that:

- (1) Might appreciably affect weight, balance, structural strength, performance, power plant operation, flight characteristics, or other qualities affecting airworthiness; or
- (2) Is not done according to accepted practices or cannot be done by elementary operations.

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### n. Major Repair

A repair that:

- (1) If improperly done, might appreciably affect weight, balance, structural strength, performance, power plant operation, flight characteristics, or other qualities affecting airworthiness; or
- (2) Is not done according to accepted practices or cannot be done by elementary operations.
- o. Operations Specifications (OpSpecs)

The official document that describes the authorizations, ratings, and limitations of the Company.

### p. Preventive Action

An action taken to eliminate the cause of a potential nonconformity or other potentially undesirable situation. For Companies electing to use an ISO 9001 system, preventive action is taken to prevent an occurrence, whereas corrective action is taken to prevent a reoccurrence. For a Company using an American Society for Quality (ASQ) system, preventive action is taken to remove or improve a process to prevent potential future occurrences of a nonconformance.

### g. Preventive Maintenance

Simple or minor preservation operations and the replacement of small standard parts not involving complex assembly operations.

### r. Procedure

A specified way to perform an activity or a series of steps, such as a procedure that describes the methods, steps, or means to carry out policy.

s. Quality Control Manual (QCM)

A manual that describes the inspection and quality control procedures used by the Company.

### t. Rating

A statement that, as a part of the Company's certificate, describes the special conditions, privileges, or limitations issued under part 145, sections 145.59 and/or 145.61.

u. The Company Repair Station Manual (RSM)

A manual that describes the procedures and policies of a Company's operations.

### v. Required Inspection Item (RII)

An item of maintenance that, if not performed properly or if improper parts or materials are used, could result in a failure, malfunction, or defect, endangering the safe operation of the aircraft. An RII must be inspected by a trained, qualified, and authorized inspector. The inspector must be listed on the Company's roster but can't be the same individual who

performed the work. (See parts 121, 125, and 135, sections 121.371, 125.251 and 135.429 for details of this requirement).

## w. Supervisor

A person who directs the work performed under the Company's certificate and OpSpecs and is available in person at the Company when work is being performed. See 145.153 for supervisory personnel requirements.

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### FAA RSM and QCM CONFORMANCE CHECKLIST

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D1

Does the manual describe the duties and responsibilities including the area of

responsibility assigned to each management

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D2	position?		
D3			Onits reserved worldwide.
D4			Notice
D5			SINEO.
D6			i e i e s
D7			dillo
D8			
E	<b>Operations Housing and Facilities.</b>		Title Only
E1	Does the manual include a drawing showing the facility's floor plan shops and equipment?		
E2	Is a description of the facility (narrative) included?		
E3	metaded:		
E4			
E5			
E6			
E7			
E80			
E9			

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F	Capability List.		Title Only
F1	Who (by title) will maintain the capability list?		
F2	How will the self-evaluation be performed?		, O, *
F3	Who will perform the self-evaluation?		;00
F4			
F5			wis reserved worldwine
F6			yec.
F7			ese)
F8			-510
F9			
G	Training Program Revision.	1	Title Only
G1	Who is responsible for submitting training		
	program revisions to the FAA?	K-	
G2	When will the revision be submitted?		
G3			
G4			
G5			
G6			
G7			
H	Work Performed at Another Location.		Title Only
H1	(1) For a one-time special circumstance:		
H2	Who will notify the CHDO and how?		
Н3	How and where will the approval/denial be recorded?		
H4	(2) If the repair station intends to perform work		
	at another location on a regular basis does the		
<b>1</b>	manual include procedures for:		
H5	Anantour morous processors for		
~ OX			
H6			
H7			
11/			
Н8			

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H10			Title Only
I	Maintenance Performed for an Air Carrier.		Title Only
I1	Who is responsible (by title) for keeping a file of the air carrier's procedures including the necessary technical data?		-94
I2	Who is responsible (by title) for review and amendment of purchase orders for complete and correct instructions? Is that person trained?		nts eserves
I3			wis .
I4			
I5			
J	<b>Contract Maintenance Information.</b>		Title Only
J1	What is the title of the person responsible for the contract maintenance program?		
J2	What is the title of the person maintaining the list of contracted facilities and contract maintenance functions?		
J3			
J4 J5			
J6			
J7 J8			
<b>J</b> 9			
J10			

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K	Proficiency of Inspection Personnel.		Title Only
K1	How are minimum qualifications for inspection personnel established? Who makes this determination?		Title Only  Only
K2	How will the inspector maintain proficiency? Training? On-the-job training? What methods are used?		Motida
K3			69
K4			SINO
K5			6,650
K6		·	dillo
K7		711.	
L	Current Technical Data.		Title Only
L1	What is the title of the person responsible for revising and maintaining the technical data?		
L2	How does the repair station ensure that the technical data is current?		
L3			
L4			
L5			
L6	•		
COPY			
M	Inspection System.		Title Only
M1	(1) General.		Title Only
M2	Does the manual include procedures for reporting malfunctions or defects?		

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M3			
M4			Title Only
M5			Jorida
M6	(2) Receiving Policy.		Title Only
M7	Who (by title) performs the inspection and how is it performed?		160
M8	How is the inspection recorded?		0)
M9			.0581
M10			×S `
M11			N.
M12	(3) Incoming Inspection.		Title Only
M13	Who (by title) will perform this inspection?	11.	
M14			
M15			
M16			
M17			
M18			
M19	•		
M20 M21			
M22	(4) Preliminary Inspection.		Title Only
M23	Who (by title) will perform this inspection and how will it be performed?		
M24	When is this inspection performed?		

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M25			
M26			
M27			siide.
M28			Ohits reserved worldwide.
M29			29 14
M30			S.M.
M31			(OS)
M32			His
M33			
M34		•	
M35			
M36	(5) Hidden Damage Inspection.		Title Only
M37	Who (by title) will perform the inspection?		
M38	How will the inspection be recorded?		
M39			
M40			
M41			
M42			
N # 4 2	(C) IA Process In the Control of the		Tide Oak
M43 M44	(6) In Process Inspection.  Who (by title) will perform the inspection and		Title Only
141-4-4	how is it performed?		
M45	How will the inspection be recorded?		
M46			
M47			
M48		1	

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M49			\@·
M50			ilus,
M51			NOTIO
M52			Title Only
M53	(7) Final Inspection.		Title Only
M54	Who (by title) will perform the inspection?		S
M55	How will the inspection be recorded?		<b>(</b> 0)
M56	If the final inspection is not satisfactory does the		×5`
	manual have procedures governing rework?		N <sub>1</sub>
M57			(S) <sup>*</sup>
M58	().		
M59			
M60			
M61			
M62			
M63	(8) Work Sign-Off.		Title Only
M64	Who (by title) issues the stamps badges or authorizations?		
M65	Do the procedures ensure that the method used can be traced to the individual who was issued the authorization (a list of names and stamps or		

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M66	similar document)?		
			\Q <sub>1</sub> .
M67			, worldwide.
M68			, 40
M69	(9) Approval for Return to Service.		Title Only
M70	Does the form meet the requirements of sections 43.9 and 43.11?		SINO.
M71	Who (by title) is authorized to complete the form? How is he/she authorized?		462
M72	Torm. How is not sile detrorized.		.6
		i II	onts reserve
M73			
M74	63		
M75			
M76			
M77			
N	Required Records and Recordkeeping.		Title Only
N1	Who (by title) is responsible for maintaining the	<b>_</b>	THE OHY
	recordkeeping system?		
N2 O	What documents are included in a typical records package? What additional forms may be included?		
N3			
N4			
N5			
		1	i

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N6			\ \( \$\cdot \cdot
N7			inide
N8			ioilo.
N9			-940
N10			Title Only
0	Calibration of Measuring and Test		Title Only
O1	<b>Equipment.</b> Who (by title) is responsible for the calibration		wis .
	system?		9,
O2	What is the basis for the test intervals such as manufacturer standard industry practice and so forth?		
О3	Is the calibration technique recommended by the manufacturer or standard industry practice?		
O4			
O5			
O6			
O7			
O8			
O9			
O10			
011			
012			
O13			
O14			

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O16			76.
O17			HINIO
O18			Jorlo
O19			69 14
O20			S.M.
O21			onis reserved worldwide.
O22		17	
O23	C.		
O24			
P	Taking Corrective Action on Deficiencies.		Title Only
P1	Who (by title) is responsible for the program?		
P2	How is the root cause of the problem determined?		
P3	Who (by title) will initiate corrective action?		
P4			
P5			
P6			

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# REPAIR STATION TRAINING PROGRAM Origination Date: XXXX Manual No: Date:

Manual No:	Training Program
Date:	Latest Revision Date
Assignment:	Customer, Unique ID, Part Number
Revision:	Draft, Redline, Released, Obsolete

Abstract:

This document describes requirements for the training program.

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Your Logo	Vour Company Nama	TRAINING PROGRAM
Tour Logo	Your Company Name	

### **REVISION LOG**

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### DOCUMENT CHANGE RECORD

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### **ANNUAL REVIEW**

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### INTRODUCTION TO TRAINING PROGRAM

This training program document contains the policies and procedures (Your Co) uses to determine its training requirements and to develop its training program. The training program ensures each repair station employee has the knowledge and skills to capably perform assigned maintenance, preventive maintenance and alteration tasks. The contents in this manual ensure (Your Co) can respond to its employee's changing training needs. This manual sets forth the procedures for (Your Co) to identify its training needs in a systematic manner, develop training and/or identify appropriate existing training, select the training methods, provide training, record training accomplishment and measure the effectiveness of its training program. (Your Co) controls this document according to the procedures for document control described in its Repair Station Manual (RSM) and (Your Doc). A copy of this document and all revisions are provided to Your Co)'s Certificate-Holding District Office (CHDO). The procedures for revising this document and submitting revisions to the FAA for approval are described in this document and in (Your Co) RSM. (Your Co) uses a closed loop system to ensure that the training requirements for (Your Co) and employees are identified, training standards are established, training is provided and the training program is revised as necessary.

(Your Co)'s training program consists of the following basic components:

•	
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•	
•	
•	
Th	ne Quality Assurance Manager is responsible for

### **SECTION 1. BACKGROUND**

Persons performing fabrication, maintenance (including inspections), preventive maintenance and alteration must be assessed and trained according to the Federal Aviation Administration (FAA) approved procedures set forth in this manual. All other employees may be trained according to the approved procedures of this manual at management discretion. (Your Co) has an established training program that includes

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th	e following staffing categories:	•	ate areas of study for
•			each staffing category (Your Co) has
			d Morle
			selvee
ba es ar Th pr	four Co) further breaks down the trainesed on stablished minimum training standards in individual's skill level for each job for expression to ensure it continues to means in this manual enables to gram to ensure it continues to means is tent with all regulatory requirements.	s for its job positions a unction to determine t e (Your Co) to revise et (Your Co)'s needs	nd methods to assess raining requirements. its existing training
		Cı	
	5,		
	l of the information pertaining to th vailable for review by the Principal M	•	
SI	ECTION 2. TRAINING NEEDS ASSES	SSMENT	
•	our Co)'s needs assessment is a two verall training requirements as well as	• •	•
	1. Overall Needs Assessment.		
	determine its overall training requi anagers of each technical area must	rements, the Training	Department and the
		This needs assessm	ent will result in

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Appropriate training will be administered if it is determined that an employee

however, (Your Co) will specifically revise the training program when:

a. Identification of the Training Needs Assessments.

(Your Co) may identify additional training needs through:

The Accountable Manager, Chief Inspector, Quality Assurance Manager and/or the designee will ensure the above programs are regularly reviewed to determine if any training deficiencies exist. The Accountable Manager, Chief Inspector, Quality Assurance Manager and/or the designee will decide

b. Changes to Repair Station Work Scope.

Whenever (Your Co) is planning to change its facilities, equipment or scope of work as reflected in its OpSpecs or capability the Accountable Manager, Chief Inspector,

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Quality Assurance Manager and/or the designee must ensure Molidalde.

### c. Annual Training Program Review.

An annual review of the training program will verify if (Your Co) has made any changes that might affect training and will analyze the measures of training effectiveness for the continual training program to ensure

As a part of this annual review, (Your Co) will

### 2. Individual Needs Assessment.

Whenever (Your Co) hires a new employee or transfers an employee to a task assignment, an assessment of the individual's skill level and qualifications will be documented. (Your Co) may accept previous employer records or certifications or use

Courses of study will be developed at that time to

Initially an assessment will be made of each prospective employee by resume review then by

(Your Co) will measure the effectiveness of training by evaluating each employee annually. Each employee will be evaluated by a supervisor or manager to ensure

This evaluation will be documented using (Your form). Only those items being evaluated will be marked.

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Employees being assigned to new tasks,

will receive an assessment

of skills possessed versus skills required. If deficiencies are noted, additional technical training will be provided. The nature of (Your Co)'s work scope lends itself to on-the-job-training as primary source of technical training.

SECTION 3. COURSE DEFINITION

An area of study will be developed to identify

The Accountable Manager, Chief Inspector, Quality Assurance Manager and/or the designee will outline training requirements for (Your Co) and/or for the individual, based on the results of a training needs assessment.

	It will include
The areas of study will defi	ine ine
	Initial training will be provided to an employee for
the first time. Recurrent train	ning will
Remedial training will	
	While defining the
course or lesson, the following	information will be documented, as appropriate:
•	
•	
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The information required by this section shall be developed for all areas of study and/or courses/lessons made available to employees. This includes training provided by the on-the-job methodology. The information on courses and lessons from outside sources will

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### **Indoctrination Training**

Indoctrination training will be provided to all new employees within thirty (30) days

of beginning employment. Indoctrination training will consist of but not limited to the following courses:

1. 2. 3. 4. 5. 5.

### **Initial Technical Training**

(Your Co) hires only technicians able to perform at a non-supervised level required for tasks. All new employees will be evaluated within 30 days of hiring to determine

### **Recurrent Training**

Recurrent Training may be conducted on an as needed basis, or when major revisions to repair station procedures are accomplished. Recurrent training may include

### Remedial Training

If during employee evaluations or the normal course of events, an employee's performance is found to be unsatisfactory, that employee will Remedial Training may consist of

### SECTION 4. SELECTION OF TRAINING METHODS AND SOURCES

Using the information developed during the course definition phase, (Your Co) will evaluate training method(s), source(s) and instructor(s) to determine appropriate and necessary knowledge or skill will be transferred to employees.

(Your Co) will use all training sources and methods available to provide employees

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The material to be presented, the experience level of personnel receiving the training, and alternatives available will

The information required by Section 3 will be developed for each lesson to ensure

This process may include

Training Instructors or subject matter experts will be utilized to implement the training course. Instructors shall be qualified based upon subject matter knowledge and teaching ability. Subject matter expertise may be established by

### **SECTION 5. TRAINING DOCUMENTAT ON**

The Quality Assurance Manager will ensure training records are generated and maintained for all (Your Co) employees that establish each individual is capable of performing the fabrication, maintenance (including inspection), preventive maintenance, and alteration tasks assigned.

The records include

All documents showing proof of any of the aforementioned training are maintained

Any employee may review their training records to verify that they are complete and current. If an employee notes a discrepancy in the training record documentation, that employee will inform the Quality Assurance Manager of the discrepancy. Any change necessary to update an employee's training record must be approved by the Quality Assurance Manager.

(Your Co) will maintain a hard copy training record and an electronic file for each employee. The hard copy training file will

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certificates and resume	<u> </u>	ital copy	of p	previous	employer's	training
SECTION 6. MEASUR  The training departme and quality of the	ent will regularl training mate	ly evaluat erials (co	te each	o course	for its conte	
nstructor(s). This is a	·		Vlanage	er will	ensure	
The training departmer	nt will ensure				This could	d include

### **SECTION 7. REVISION PROCESS**

The Chief Inspector will initiate, write, and submit revisions to the FAA CHDO for review and approval. The repair station will submit training program manual revisions to the CHDO within 10 business days whenever the training program is revised. The training program will

In the event a revision is determined to be unacceptable to the FAA, the revision will

Approval of the training program manual and its revisions will be noted by the FAA in the FAA approval block in the training program manual section List of Effective Pages and Sections or by

The FAA CHDO will receive manual revisions by either hard copy or by electronic means. Approved revisions of the manual will

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Manual holders of paper copies will receive only the revised pages and a List of Effective Pages so their manual can be checked and kept current. They will be responsible for

# SECTION 8. WORK PERFORMED FOR PART 121, 125, 129, AND PART 135 OPERATORS

(Your Co) may perform work for 14 CFR parts 91, 121, 125, 129, and 135 operators. Individual operator training requirements (initial, recurrent, or specialized) are identified for job function.

The Quality Assurance Manager will

### SECTION 9. WORK PERFORMED BY INTERIM MAINTENANCE EMPLOYEES

During periods of heavy workload (Your Co) may supplement its workforce with interim maintenance employees. Before these individuals begin work for (Your Co) they must

Additional supervision will

A training file will be established for each temporary employee. This file will be maintained for two years after that employee's last employment period.

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### EMPLOYEE TRAINING SUMMARY FORM



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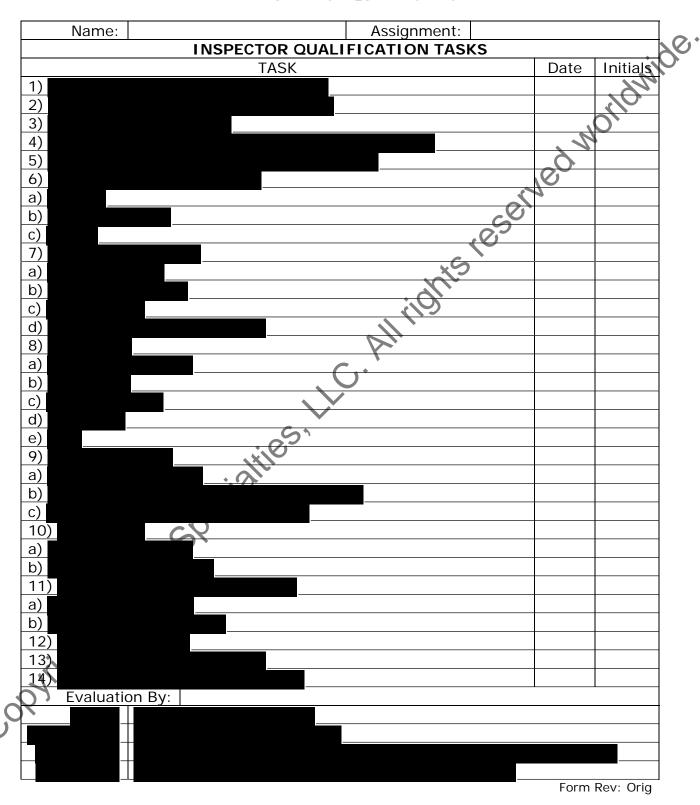
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