

# **SELF SURVEY**

Supplier Name: Address:

Phone Number: Fax Number: **AAR Capabilities:** Type of Product of service: CAGE Code:

AAR AIRCRAFT COMPONENT SERVICES - NEW YORK 747 Zeckendorf Blvd Mail: 747 Zeckendorf Blvd Garden City, NY 11530 Garden City, NY 11530 U.S.A U.S.A +1 (516)-222-9000 AOG:+1 (630)-227-2971 +1 (516)-222-0987 E-mail: alvin.addison@aarcorp.com http://www.aarcorp.com/mro/component-repair/capabilities-search/ **Repair Station** 3Y015

#### **Key Organization Personnel:**

Name:	Rodman Smith	Title:	General Manager
Name:	Robert Sopp	Title:	Executive Vice President
Name:	Salim Khamze	Title:	Director, Engineering
Name:	Alvin Addison	Title:	Sr. Manager of Quality Systems

#### The Sr. Manager of Quality Systems reports to the Chief Quality Officer

Total Work Force:	154		QA/QC Personnel:	09
Production Personnel:	95		Engineering Personnel:	10
FAR 145 (USA) Air Agen EASA Part-145 (Europe) CAAC 145 (China) AS9110C AS9100D	•	Certificate No.: Certificate No.: Certificate No.: Certificate No.: Certificate No.:	QW1R441K EASA.145.4003 F00100425 US014663 US014664	

Copies of certificates can be downloaded from: http://www.aarcorp.com/certifications/?c=1972

#### Facilities

The facility consists of one building of steel reinforced concrete, concrete block, brick exterior and powdered granite-covered concrete floors, extending over 150,000 square feet. The building is fully heated, air conditioned and protected by fire alarm, sprinklers and security devices, including motion detection and video surveillance. Electrical power supplied to the building is 13,200 Volts split into 440 Volts at 3000 Kilovolt Amperes and 208 Volts at 1100 Kilovolt Amperes.

#### **Major Customers:**

Federal Express, Delta Airlines, Southwest Airlines, Air Canada, Alaska Airlines, Boeing.

#### Types of products and / or services supplied:

AAR Aircraft Component Services-NY is engaged in the repair, overhaul, Functional test, and modification of Aerospace Components for use in commercial and military applications.



#### A. Certifications

	Questions	Yes	No	N/A
1.	Does the vendor hold valid certifications for the assigned tasks?	X		
2,	Does the vendor work under bilateral agreements?	×		
	If Yes, with whom?	EASA		
3.	Are all required certificates, Operations Specifications, licenses, standards and regulations available for review?	X		
4.	Does the repair station work within the approved rating?	×		
5.	Does the vendor have an FAA approved and active anti-drug & alcohol misuse testing plan?	X		

#### **B.** Quality Control Programs

	Questions	Yes	No	N/A
1.	Does the vendor have a current Quality Control Manual that covers the following:			
	a) Inspecting incoming raw material to ensure acceptable quality?	×		
Parama	b) Performing preliminary inspections of all articles that are maintained?	×		
	c) Inspection of all articles that have been involved in an accident for hidden damage before maintenance, preventive maintenance, or alteration is performed?	X		
	d) Establishing and maintaining proficiency of inspection personnel?	X		
	e) Establishing and maintaining current technical data for maintaining articles?	X		
	<ul> <li>f) Qualifying and surveying non-certificated persons who perform maintenance, preventive maintenance, or alterations for the repair station?</li> </ul>	×		
	g) Performing final inspection and return-to-service of maintained articles?	X		
	h) Calibrating measuring and test equipment used to maintain articles, including the intervals at which the equipment will be calibrated?	X		
	i) Taking corrective action on discrepancies?	×		
	j) References, where applicable, to manufacturer's inspection standards?	×		
	<ul> <li>k) Samples of and instructions for completing maintenance and inspection forms, or reference to a separate forms manual?</li> </ul>	X		
	1) Procedures for revising the Quality Control Manual?	×		
2.	Does the vendor's program include procedures for controlling shelf life and scrapped parts?	×		



#### **B.** Quality Control Programs (Continue)

	Questions	Yes	No	N/A
3.	Does the vendor have			
	a) A current Repair Station Manual (Maintenance Organization Exposition) that contains the following:	×		
	i) An organization chart identifying each management position with authority to act on behalf of the repair station?	X		
	ii) An organization chart identifying the area of responsibility assigned to each management position?	X		
	iii) An organization chart identifying duties, responsibilities, and authority of each management position?	×		
	b) Procedures for maintaining the roster?	×		
	c) A description of the vendor's operations, equipment, and facility, including procedures for revising the capabilities list and notifying the applicable airworthiness authority?	×		
	d) Procedures for revising the training program?	×		
	e) Procedures to govern work performed at another location?	×		
	f) Procedures for managing contracted maintenance?	×		
	g) A description of the record keeping system?	×		
	h) Procedures for revising the repair station's manual, and notifying the applicable aviation authorities?	×		
4.	Is the Repair Station Manual current and available to employees?	×		
5.	Does the vendor have an internal audit and surveillance function?	×		
6.	Does the internal audit function ensure compliance with customer specifications?	×		
7.	Does the internal audit program assure appropriate corrective action?	×		
8.	Does the vendor maintain a file of audit findings and corrective action for three years and can it be reviewed by customers and/or other interested parties?	×		
9.	Does the vendor maintain a list of sub-contracted maintenance functions and agencies including the type of certificate and rating, if any, held by each facility?	×		
10.	Does the vendor ensure that sub-contractor quality meets customer specifications and legal requirements?	X		
11.	Does the vendor maintain certification on sub-contractor work?	×		
12.	Does the vendor have an agreement with non-certificated subcontractors allowing the applicable aviation authorities to inspect their activities when deemed necessary?	X		
13.	Does the vendor have a procedure for reporting defects of unairworthy conditions to the customer and the applicable aviation authorities?	×		



### C. Inspection programs

	Questions	Yes	No	N/A
1.	Are RII inspectors properly trained and certified?			×
2.	Is there proper separation of maintenance and inspection			×
	responsibilities for vendors that perform required inspections?			
3,	Does the vendor have an acceptable receiving inspection system?	×		
4.	Does the vendor have an acceptable system for controlling stamps,	X		
	for both inspection and production personnel?			
5.	Are acceptable sampling procedures adequate to ensure quality?	×		

#### D. Personnel

	Questions	Yes	No	N/A
1	Has the vendor designated an employee as the "Accountable Manager"?	X		
2.	Does the repair station roster identify all management, supervisory and inspection personnel?	X		
3.	Does the roster identify all personnel authorized for return-to- service?	×		
4.	Does the repair station have an employee summary for all personnel listed on the repair station roster?	X		
5.	Are the vendor's supervisory personnel competent i.a.w. the applicable aviation regulations?	X		
6.	Are the vendor's inspection personnel competent i.a.w. the applicable aviation regulations?	X		
7.	Does the vendor perform any required inspections (RII) for any customer?			X
8.	Are the vendors return-to-service personnel competent i.a.w. the applicable aviation regulations?	×		
9.	<ul> <li>Are specific individuals, by title, responsible for the following programs?</li> <li>i) Technical data?</li> <li>ii) Shelf Life?</li> <li>iii) Calibration tooling?</li> <li>iv) Scrap parts?</li> </ul>	X X X		
10.	Is there a back-up person identified by title for all programs requiring one?	X		



#### E. Technical Data Program

	Questions	Yes	No	N/A
1	Does the vendor have the required shop manuals and specifications to perform the repair/overhaul in accordance with customer specifications?	X		
2.	Are there established approved procedures controlling revisions in manuals deviating from OEM specifications? (e.g., EO or EA)	×		
3,	Does the vendor have a documented system to ensure technical data is current?	X		
4.	Does the vendor have records of manual revisions?	×		
5.	Are manual revisions up to date?	×		
6.	Is the technical data properly identified and available to mechanics?	×		
7,	Does the vendor have a system to control working copies of manuals to ensure they are revised with masters?	X		
8.	Is technical data stored in a manner that will protect it from dirt and damage?	X		

#### F. Shelf Life Program

	Questions	Yes	No	N/A
1.	Does the vendor have a documented shelf life program?	×		
2.	Does the program list parts and materials that have shelf life limits?	X		
3.	Does each shelf life item have the shelf life expiration limit displayed?	×		
4.	Is there an adequate system to assure that no item will be issued or used past its expiration date?	X		
5.	Were items sampled for shelf life within limits?	×		



### **G.** Calibration Program

	Questions	Yes	No	N/A
1.	Does the vendor have a documented tool calibration program?	×		
2.	Are all tools requiring calibration identified and on the tool calibration list?	X		
3.	Are standards used to calibrate tools acceptable to the applicable aviation authorities e.g., traceable to (inter)national standards?	X		
4.	Is there a system to identify each tool in the program, its calibration frequency and its calibration due date?	X		
5.	Does the vendor have a procedure for identifying, controlling and/or preventing out-of-service and due-for-calibration tools & equipment from being used?	X		
6.	Does the vendor have a procedure to control the calibration of personal tools?			×
7.	Did a sample check of the calibrated tooling indicate that the tooling is within calibration?	X		
8.	Are the tools and test equipment in a serviceable condition?	×		
9.	<ul> <li>Do records: <ul> <li>i) Show date calibrated?</li> <li>ii) Show calibration due date?</li> <li>iii) Identify individual or vendor that performed calibration or check?</li> <li>iv) Contain a calibration certificate for each item calibrated by an outside agency?</li> <li>v) Record details of adjustments and repairs?</li> <li>vi) Show the identification of the standard used to perform the calibration?</li> </ul> </li> </ul>	X X X X		

#### **H.** Training Programs

	Questions	Yes	No	N/A
1.	Does the vendor have a documented training program?	×		
2.	Does the training program include all mechanics, inspectors and technical Supervisors?	X		
3.	Are mechanics, inspectors and supervisors properly trained, authorized and certified, if required, for the work they perform?	X		
4.	Is formal and OJT training documented?	×		
5.	Are training records for mechanics, inspectors and supervisors retained for two years after the person leaves the company?	×		
6.	Does the vendor maintain a Human Factors Training Program, both initial and recurrent?	X		



#### I. Housing and Facilities

	Question		Yes	No	N/A
1,		dor deals in non-aircraft parts, materials and/or nce activities, are they adequately segregated from the unctions?	X		
2.	Does the	vendor have:			
	i)	Sufficient work space and areas for the proper segregation and protection of articles?	X		
	ii)	Segregated work areas enabling environmentally hazardous or sensitive operations such as painting, cleaning, welding, avionics work, and machining to be done properly and in a manner that does not adversely affect other maintenance?	X		
	iii)	Suitable racks, hoists, trays, stands, and other segregation means for the storage and protection of all articles?	X		
	iv)	Space sufficient to segregate articles and materials stocked for installation from those undergoing maintenance, preventive maintenance or alterations?	X		
	v)	Ventilation, lighting, and control of temperature, humidity, and other climatic conditions sufficient to ensure personnel perform maintenance, preventive maintenance, or alterations to the standards required?	X		
	vi)	Areas for receiving and for shipping customers units with adequate space, lighting, shelving, security, and fire protection to accommodate customer's units in a manner that will preclude damage, loss, and theft?	X		
	vii)	Adequate and appropriate storage area to safely store customer's reusable shipping containers and to protect them from environmental damage?	X		
3.	provided	dor has an airframe rating, is suitable permanent housing to enclose the largest type and model of aircraft listed on tions Specifications?			X
4.	If the ven alteration	dor performs maintenance, preventive maintenance, or s on articles outside of its housing, does it provide acilities that are acceptable to the aviation authorities and			X
5.	requireme	ties outside of the vendor's housing meet the ents so that the work can be done in accordance with the ents of the aviation authorities?			X



# J. Safety/Security/Fire Protection

	Questions	Yes	No	N/A
1.	Does the vendor provide adequate security for customer parts in its possession?	×		
2.	Is the security reviewed periodically by management or an outside vendor?	×		
3.	Are fire protection devices inspected periodically?	×		
4.	Are fire stations identified and extinguishers in serviceable condition?	X		
5.	Are fire lanes, doors and fire extinguishers clear of obstruction?	×		
6.	Are safety guards in place on power equipment?	×		
7,	Are the vendor's shop operations conducted in a safe manner and environment?	×		

# K. Storage

	Questions	Yes	No	N/A
1.	Are parts and materials correctly identified and properly stored?	×		
2.	Do parts in bins match part number on bins?	×		
3.	Does the vendor have a quarantine area for rejected parts and Materials awaiting disposition?	×		
4.	Are parts and materials properly protected from damage and deterioration?	×		
5.	Are flammable, toxic or volatile materials properly identified and stored?	X		
6.	Are sensitive parts and equipment (oxygen parts, O-rings, electrostatic sensitive devices, etc.) properly packaged, identified and stored to protect from damage and contamination?	X		
7.	Are high pressure bottles correctly labelled, properly stored and Secured?	×		
8.	Does the vendor maintain traceability certification on all parts and raw materials?	X		



# L. Work Processing

	Questions	Yes	No	N/A
1.	Does the vendor observe duty time limitations?	×		
2.	Does the vendor only perform work for which it is rated?	×		
3.	Does the vendor have adequate tooling and test equipment to	×		
- 14	perform the work?	17 a	17>-	-57-14 1
4.	Where a vendor uses specified OEM test equipment and/or test	t		
	equipment other than that specified by the OEM, does that ven			
	i) Have an operating manual and maintenance manual	l for		
	the equipment?	×		
	ii) Perform maintenance and servicing per the manual	? 🗵		
			_	
	iii) Maintain maintenance and servicing records for two	o 🗵		
	years?	×		
	iv) Where applicable, list the equipment in their calibra	ation		
	program?			
5.	Where a vendor uses non-OEM specified equipment, is the	X		
5.	equipment properly approved?			الكار
6.	Are adequate tools and current manuals available and at the	×		
0.	mechanics' work stations?			
7.	Are customers' parts properly identified throughout the	×		
<i>'</i> .	maintenance actions and in storage?			
8.	Is there a work turnover procedure used?	×		
9.	Does the shop segregate serviceable from unserviceable	×		
- 1	components?			
10.	Does the facility provide adequate protection of parts in work?	×		
	e.g. filtered air or clean room depending on type of part?			14250
11.	Are smoking, eating and drinking forbidden in the work area, of	or 🗵		
	does the vendor have a written program to ensure units are			
	protected from contamination?			
12.	Are fluid dispensing cans and servicing units properly identified	ed? 🗵		
13.	Are the vendor's work records complete, in order, and legible?			
	Do the records contain:			
	i) The description of the work performed or reference	to 🗵		
	data acceptable to the administrator?			-
	ii) The date of completion of the work performed?	X		
	iii) The name of the person performing the work?	X		
	iv) The name of the person inspecting the work?	X		
	v) The signature, certificate number of the person			
14	returning the article to service?	X		
14. 15.	Are all test and inspection records in work package? Does the vendor's return-to-service document meet customer a			
13.	regulatory requirements?			
16.	Does the vendor's record keeping system and retention time m	eet 🗵		
10,	regulatory requirements?			
	I Darmon' J redamentario.			



## M. Shipping

	Questions	Yes	No	N/A
1.	Are components returned in an appropriate shipping container or as specified by the customer?	X		
2,	Does the vendor verify that the identifying data (P/N, S/N, nomenclature, mod. no.) on the documentation and the data plate match?	X		

### **N. Scrapped Parts**

	Questions	Yes	No	N/A
1.	Does the vendor have a documented procedure to assure that scrapped parts are either returned to the customer or mutilated beyond repair?	X		
2.	Does the vendor maintain a record of scrapped life limited parts scrapped for at least two years?	X		
3.	Does the record include the P/N, S/N, and date of the scrapped part?	X		

I hereby certify that to the best of my knowledge the information supplied is accurate, complete and current and that I am an official of AAR Aircraft Component Services - New York, who is duly authorised to sign this survey.

#### Questionnaire completed by:

Name

Alvin Addison

Title Date

Sr. Manager of Quality Compliance & Safety May 17, 2021