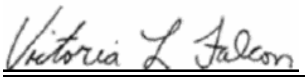
Attention: **Quality Manager**
RE: **AvtechTyee Inc. Quality System Self Audit 2024**

In response to the overwhelming increase in customers asking us to fill out Quality System Surveys, we have put together this package so that we may quickly and efficiently fulfill these requests. We have compiled complete, accurate, and comprehensive information regarding AvtechTyee Inc. capabilities and quality system. Please accept this information package in place of the survey that your company sent us for completion. If there is any additional information that you may require, please feel free to contact us.

Thank you,

Victoria Falcon
Quality Manager
E-mail: vfalcon@avtechtyee.com
Tel: (425) 249-5294



QA Signature — June 6th, 2024 Date

AvtechTyee Self Survey

Company Name:	AvtechTyee Inc. (Parent Company: Transdigm Inc.)
Address:	6500 Merrill Creek Parkway
	Everett WA 98203
Phone Number:	425-290-3100
AOG Phone Number:	(425) 210-7372
Fax Number:	425-513-6474
Date Established:	1963
Type of Business:	Design and Manufacture of electronic, electro-mechanical and mechanical aerospace products including servicing of those products via our FAA certified Repair Station.
Product Line:	Digital Audio Control Systems, PA /Cabin Interphone, Audio Selector Panels, Windshield Heat, Control, Temperature Monitoring/De-Icing, Power Conversion, Electronic Lamp Ballasts, Electro-Mechanical Gear Handles, Fire Bottle Discharge, Switches and Connectors, Indicators, Customer Specified Avionics, etc. Precision engineered mechanical components and assemblies. Carbon fiber rods, force sensor rods, control rods, tie rods, struts, dynamic devices, and end fittings

Total Number of Employees: 188
# of employees 1st shift: 181
# of employees 2nd shift: 7

Engineering: 22
Production: 104
Quality: 12
Sales: 4
Customer Service: 6
Repair Station: 14
Warehouse: 8
Purchasing: 5
Administrative (HR, Finance, MIS, etc.): 13

Facilities:
Over 110,000 square feet
Office space: 14,500; Warehouse space: 15,500; Manufacturing: 80,000; Repair Station: 1,500

Key Contacts:
President: Rachel Kosmin
Vice President of Sales: Victor Mesny
Vice President of Finance: Shane Meldrum
Vice President of Operations: Nera-Lee Herzig-Patel
Vice President of Engineering: Victor Mesny

Engineering Manager (Tyee): Kate Lusterio
Engineering Manager (Audio/AE): Paul Menard
Quality Manager: Victoria Falcon

Quality Engineer (Audio/Airborne Electronics): Brandon Schurr
Quality Engineer (Tyee): Kevin Falconer
Business Unit Manager (Tyee): Jillian Seyl
Business Unit Manager (Airborne Electronics): Victor Mesny
Business Unit Manager (Audio): Victor Mesny

Web Site:
www.avtechtyee.com

E-Mail:
First name initial, Last name @avtechtyee.com example John Doe: jdoe@avtechtyee.com

List of Certifications, Acceptances, or Qualifications:
(Copies of certifications available on line at www.avtechtyee.com under Quality Assurance link)

FAA Repair Station: ☒ Yes ☐ No	Air Agency Certificate#: IG6R621N
FAA Drug and Alcohol Program: ☒ Yes ☐ No	Plan #: FAA (PTS1064A)
Consortium Name:	First Advantage
E.A.S.A: ☒ Yes ☐ No	# EASA.145.4224
Issue Date:	May 21th 2024
Date Expires:	July 31st 2026
ISO Certification: ☒ Yes ☐ No	Certificate#: 66246
AS9100D Certification: ☒ Yes ☐ No	Certificate#: 66246
Registrar:	ABS Quality Evaluations, Inc.
Effective Date:	February 2nd, 2024
Date Expires:	February 1st, 2027
Reissue Date:	January 22nd 2024
OIN:	6134434847

List of Manufacturers for which you are an approved supplier:

1. Boeing, since 1969	5. Honeywell, since 1993
2. Cessna, since 1969	6. Rockwell Collins, since 1997
3. Embraer, since 1981	7. Northrup-Grumman, since 1998
4. Bombardier, since 1990	8. Sikorsky

Industry Codes/ Federal Codes

FSCM/Cage Code: 30242 & 34742	ITAR Registration with DDTC : Yes
NAICS Code: 336413	Fed Tax ID: 91-0761549
D&B : 00-927-3434	WA UBI: C-578-064-529
	WA Resellers Permit: A00 3325 25 Exp: 12/31/2025

	Yes	No	N/A
Section I. Quality System			
Is there an established Quality Control Program?	X		
Are Quality Manuals available and accessible for reference by all personnel?	X		
Document Number: OP001 **Title:** Quality Management Systems Manual **Rev:** C			
Does manual detail duties, responsibilities and reporting relationship of the QA/QC department?	X		
Is the Quality Manual revised/reviewed regularly to ensure adherence to industry/regulatory authority's requirements?	X		
Is there a procedure for reporting defects or unairworthy conditions to the customer and the regulatory bodies, eg FAA,JAA CAAS?	X		
Is the quality assurance department operated independent from production responsibilities?	X		
Is there a documented Audit plan/program?	X		
Are Internal Audits on your organization's quality system functions being conducted?	X		
Does the internal audit function ensure compliance with customer specification?	X		
Are procedures in place to investigate and correct the root cause of the discrepancies revealed by internal audits and external auditors?	X		
Are the findings of internal audits and external audits, reviewed by the organization's senior management?	X		
Is there a "problem" reporting & closed loop "corrective action" procedure in place?	X		
Is there a process to notify the customer of nonconforming material prior to shipment?	X		
Do you use root cause analysis & incorporate a corrective action plan for nonconforming concerns?	X		
Is there a Material Review Board system in place?	X		
Is there a system in place to identify, segregate & disposition nonconforming material?	X		
Is there a documented procedure to assure that scrapped parts do not re-enter the production system and are either returned to the customer or mutilated beyond repair?	X		
Does the vendor's manual identify the person responsible for mutilating scrapped parts?	X		
Are First Articles conducted per AS9102?	X		
Is there an acceptable system for controlling stamps, for both test and inspection personnel?	X		
If required, would you agree to an audit of your company?	X		
Is there a documented process for counterfeit materials avoidance, detection, mitigation and disposition?	X		
Section II. Document Control Note: "Manuals" in this context includes any technical data (drawings, wiring diagrams, test specifications, etc.) necessary to perform the required service.			
Are manuals and other reference documents required to perform contracted/parts activities available?	X		
Does the Maintenance Provider have the required shop manuals and specifications to perform the repair/overhaul in accordance with customer specifications?	X		
Are engineering drawings provided by customer, controlled and kept current?	X		
Are the applicable specifications and manufacturer's Repair/Overhaul Manuals and Service Bulletins available or easily accessible at the work area?	X		
Is there a system in place to maintain manuals, reference documents and technical data current?	X		
Is there a specific individual, by title, responsible for the Document Control Program?	X		
Are there adequate viewing devices and in good condition for viewing the technical data?	X		

	Yes	No	N/A
Are there records of manual revisions?	X		
Are manual revisions up to date?	X		
Is there a system to control working copies of manuals to ensure they are revised with the masters?	X		
Is technical data stored in a manner that will protect it from dirt & damage?	X		
Section III. Procurement Control			
Is a list of sub-contractors and approved vendors being maintained?	X		
Is there a qualification process for suppliers?	X		
Do you have a Supplier Quality rating system?	X		
Is it assured that procurements are made only with approved suppliers or sub-contractors?	X		
Do you ensure that sub-contractor quality meets customer specifications and legal requirements?	X		
Is it assured that products and services under procurement are clearly described by purchase order requirement?	X		
Applicable drawings and specifications are referenced on P.O.'s and furnished to sub tier suppliers/sources.	X		
Certified test reports, statement of quality or certificates of conformance are required/maintained on purchased material when applicable.	X		
Upon request, can you supply raw material and/or special process certification traceable to the original manufacturer or supplier?	X		
Section IV. Receiving Inspection			
Is there an acceptable receiving inspection system?	X		
Is there a specially designated area for handling incoming parts?	X		
Are materials not released for use properly stored in a controlled area?	X		
Does Receiving Inspection check incoming shipments to the requirements of the Purchase Order, referenced specifications and applicable drawings?	X		
Are incoming materials identified to the applicable Purchase Order or material certification?	X		
Is traceability certification on all parts and raw materials being maintained?	X		
Is there a system in place for batching of incoming parts and allocating batch numbers for traceability?	X		
Do Receiving Inspection records indicate acceptance or rejection of incoming material?	X		
Do Receiving Inspection records reflect the reason for rejections?	X		
Is nonconforming/rejected material segregated from acceptable material & controlled in a bonded area?	X		
Are age-controlled items inspected for date of manufacture and expiration date?	X		
Is there designated storage available for temperature/humidity sensitive parts/materials?	X		
Is bar, sheet, tube and plate metal identified in stock and traceable to material certification?	X		
Is raw material subjected to sample verification testing?	X		
Are records of incoming inspections kept for a minimum of 10 yrs?	X		
Section V. Material Storage & Handling			
Are parts and material properly identified and properly stored?	X		
Is there a quarantine area for rejected parts and materials awaiting disposition?	X		
Do parts in bins match part number on bins?	X		
Are parts and material properly protected from damage and deterioration?	X		

	Yes	No	N/A
Are flammable, toxic, or volatile materials properly identified and stored?	X		
Are oxygen and other high pressure bottles correctly identified and stored?	X		
Are SDS files complete and available to floor technicians?	X		
Are facilities available for the proper handling of Electro-Static Discharge Sensitive (ESDS) parts and equipment?	X		
Are sensitive parts and equipment (electrostatic sensitive devices, etc.) properly packaged, identified and stored to protect from damage and contamination?	X		
Do you have written procedures for the control & issuance of material?	X		
Are records maintained for all parts issued out of the storage areas?	X		
Are stock rooms and material storage areas restricted to authorized personnel?	X		
Is "first in – first out" stock rotation practiced?	X		
Do you have a process in place that provides protective packaging to ensure parts are not damaged during shipment?	X		
Section VI. Shelf Life Program			
Is there a documented shelf life program?	X		
Does the program identify parts and materials that have shelf life limits?	X		
Does each shelf life item have a shelf life expiration limit displayed?	X		
Is there a system to control expired items?	X		
Section VII. In Process Controls			
Is there a system in place to ensure that all parts and components are tagged and identified during all phases of operation?	X		
Is raw material certification/traceability maintained throughout the manufacturing process?	X		
Are material identity and/or supporting documentation available to the manufacturing and inspection personnel responsible for the operation?	X		
Do the work records contain these:			
Description of work performed?	X		
Date of work completion?	X		
Parts used?	X		
Tests results?	X		
Identity of person performing work?	X		
Identity of person inspecting work?	X		
Signature, certificate number, and approval certificate of person returning article to service (*for Repairs only*) ?	X		
Are smoking, eating and drinking forbidden in the work area as appropriate?	X		
Are parts and assemblies properly identified in accordance with customer/specification requirements prior to shipment?	X		
Section VIII. Tools and Equipment			
Is there a tool/test equipment calibration program?	X		
Is a specific individual, by title, responsible for the calibration program?	X		
Are all tools in use listed in the tool calibration list?	X		
Are the standards used to calibrate tools traceable to the controlling government agency, e.g., the National Institute of Standards and Technology?	X		
Is there a system to identify each tool in the program, its calibration frequency and its calibration due date?	X		
Is there a procedure for controlling and/or preventing out-of-service and due-for-calibration tools and equipment from being used?	X		
Were all tools sampled found to be within calibration?	X		
Are the tools and test equipment in a serviceable condition?	X		

	Yes	No	N/A
Is the measuring, test and inspection equipment identified in such a manner that the next date of calibration is clearly shown?	X		
Do calibration records contain the following:			
Date of calibration?	X		
Name of individual or supplier that performed the calibration check?	X		
Next calibration due date?	X		
A calibration certificate for each item calibrated by an outside agency?	X		
All details of adjustments and/or repairs?	X		
The part number and serial number of the standard used for calibration?	X		
Are historical records of calibration, containing repair, and calibration accuracy data available on file?	X		
Is there a system to control customer furnished tools, gauges and test equipment?	X		
Are the tools & test equipment in a serviceable condition?	X		
Is there a Preventative Maintenance program in place for equipment?	X		
Section IX. Housing and Facilities			
Are the facilities adequate for the work being performed?	X		
Are shop operations conducted in a safe manner and safe environment?	X		
Does the facility adequately protect parts, materials and customer units from damage, theft and contamination?	X		
Is ventilation, lighting, temperature and humidity control adequate?	X		
Do shipping and receiving areas have adequate space, lighting, shelving, security and fire protection?	X		
Is there adequate and appropriate storage space to safely store customer's shipping containers and protect them from damage?	X		
Are good housekeeping practices being maintained?	X		
Is the security system reviewed periodically by management or an outside vendor?	X		
Are fire protection devices inspected periodically?	X		
Are fire stations identified and extinguishers in serviceable condition?	X		
Are fire lanes, doors and fire extinguishers clear of obstruction?	X		
Are safety guards in place on power equipment?	X		
Section X. Personnel Training and Qualifications			
Is there a documented training program?	X		
Are both formal and OJT training documented?	X		
Are mechanics, inspectors and supervisors properly trained, authorized and certificated, if required, for the work they perform?	X		
Is there a system to re-qualify these personnel periodically? (e.g. through re-current training, etc.) to ensure currency of approvals?	X		
Are inspectors required to be specifically certified?	X		
Are there nominated inspectors approved to carry out specialized processes (e.g. welding, NDT, etc.)?			X
Are there nominated inspectors approved to issue Authorized Released Certificates, Certificates of Conformity or equivalent, for new or reworked parts?	X		
Are personnel knowledgeable in CMM and regulatory manuals?	X		
Are personnel using the required manuals at the work area?	X		
Is there a documented training record for each employee?	X		
Are all training records retained for two (2) years after a person leaves the company?	X		

	Yes	No	N/A
Section XI. FAA Authorized Repair Station (All previous sections above apply to AvtechTyee's FAA Authorized Repair Station, the following information is additional and specific to the Repair Station)			
Are all required certificates, operations specifications, licenses, repairman certificates and registrations current and available for review?	X		
Does the REPAIR FACILITY have a Capability List?	X		
Does the REPAIR FACILITY have an Operations Specifications?	X		
Does the REPAIR FACILITY only perform work for which they are authorized on the Operations Specifications?	X		
If the REPAIR FACILITY deals in non-aircraft parts, materials and/or maintenance activities, are they adequately segregated from the aircraft functions?			X
Does the REPAIR FACILITY comply with FAR 121 Appendixes I and J (Drug prevention and Alcohol abuse) or equivalent?	X		
Do you flow down antidrug prevention and alcohol misuse to your suppliers performing repair on products?	X		
Does the REPAIR FACILITY maintain a current list of "sub-contracted" maintenance actions and approved vendors for these functions?	X		
Does the REPAIR FACILITY ensure that sub-contractor quality meets customer specifications and FAA Regulatory requirements?	X		
Does the REPAIR FACILITY return-to-service documents meet customer and FAA requirements?	X		
Does the REPAIR FACILITY repair station roster identify all supervisory and inspection personnel?	X		
Does the roster identify all personnel authorized for return to service?	X		
How many personnel are certified FAA Repairman: 5			
Does the REPAIR FACILITY perform any required inspections (RII) for any customers?			X
Is there an established procedure to provide corrective action for discrepancies noted during repair/overhaul?	X		
Does the REPAIR FACILITY have SFAR 36 authority			X
Is the RSM current and available to employees?	X		
Are there procedures for revising the RSM and notifying the FAA?	X		
Does the REPAIR FACILITY observe duty time limitations?	X		