



To: Our Valued Customers
From: Quality Systems Department
Subject: Request for Company Information

In an effort to streamline our processes we have developed a standard package in response to requests for self-surveys. We understand that your company requires information concerning your suppliers and we believe the information we have provided will adequately answer most inquiries. The package contains a General Information section as well as a Quality Self-Survey which is an overview of our Quality System.

We are currently certified to AS9110, AS9100, ISO9001, FAA Certified Repair Station and EASA certified. Copies of our certifications are attached.

If there is a need for additional information please don't hesitate to contact us.

Best regards,
Guy E. Neal, Quality Manager
JD Humphries, Repair Station Manager

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JD.Humphries@elbitsystems-us.com

Elbit Systems of America – Talladega Site
108 Allen Street
Talladega, AL 35160
www.ieionline.com



Kollsman General Information

Company Name: Kollsman, Inc. Elbit Systems of America – Talladega Site		Website: www.ieionline.com
Address: 108 Allen Street Talladega, AL 35160		Phone: (256) 480-2445 Fax: (256) 480-2481 Repair Lab: (256) 480-2445
Facility Information: 133, 600 sq. ft. Clean Rooms: Class 10,000 Class 100,000	Type of Business: Manufacturer/OEM/PMA/TSO <input checked="" type="checkbox"/> FAA Certified Repair Station <input checked="" type="checkbox"/>	Corporate Entity – State of Delaware
Employees: 122 (+)	Parent Company: Elbit Systems of America	
Certifications: Registrar: NQA - <input checked="" type="checkbox"/> AS9100- CERT #13533 <input checked="" type="checkbox"/> AS9110-CERT #13888 <input checked="" type="checkbox"/> ISO 9001-CERT #13888/1353 <input checked="" type="checkbox"/> FAA Air Agency Certificate - # NX2R047L <input checked="" type="checkbox"/> EASA Approval Certificate - # EASA.145.5681		
Key Personnel: Mark Webber, Site Director Alan Guinn, Operations Manager Doug Teagle, Quality Director JD Humphries, repair Station Manager Guy Neal, Quality Manager		
Cage Code: 50218	SIC & NAICS Codes: Numerous, please see http://www.ccr.gov	
TIN:	DUNS:	
Representations/Certifications: Please see https://www.orca.bpn.gov for Certifications and Representations		
Payment Terms: Subject to credit approval by our Accounting Dept. Credit application required.		
Type of Products: Avionics cockpit instrumentation, Cabin Pressure Control Systems, General Aviation Vision Systems, Night Vision Equipment, Enhanced Vision Systems, Test Equipment/Ground Support, Electro-Optical, Head Up Displays, Airborne & Ground Tactical Laser Systems, Thermal Imaging Systems, Fire Control Systems, Homeland Security & Surveillance Systems		
Please visit www.ieionline.com to learn more about our company and our products.		
Company Initiatives: <input checked="" type="checkbox"/> Lean Manufacturing (LAI) <input checked="" type="checkbox"/> EVMS		

Quality Self-Survey Response

Quality Management System

- We have a Quality Manual, Quality Policy & Objectives
- Quality System (QS) procedures are referenced within the Quality Manual
- The QS documentation addresses requirements imposed by Regulatory Authorities if applicable
- We ensure employees as well as Customers and Regulatory representatives have access to the Quality System Documentation
- There is a documented process addressing the control of all QS documents
- The process addresses adequacy prior to release, review, update and re-approval, changes, rev status, and legibility
- The Configuration Management process is documented and maintained
- Obsolete documents are removed from areas to prevent unintended use
- The control of company records is documented and includes retention requirements

Management Responsibility

- Top management has committed to establishing, maintaining and continually improving the Quality Management System
- The importance of meeting customer requirements and enhancing customer satisfaction has been communicated and understood throughout the organization
- The Quality Policy is reviewed for suitability by top management
- The Quality Policy establishes a commitment to comply with requirements and is reviewed for continuing suitability
- Quality Objectives are established at relevant functions and levels and are measurable and consistent with the Quality Policy
- Responsibilities and authorities are defined and communicated throughout the company by top management
- Top management conducts and maintains records of Management Reviews of the Quality System
- Management Reviews address audit results, customer feedback, changes that may affect the Quality System, and improvement recommendations
- The results of Management Review include resource needs, product and/or Quality System improvements
- There are appropriate communication processes established addressing the effectiveness of the Quality System
- Top level management has assigned an individual as a Quality System Management Representative
- The Management Representative is provided the organizational freedom to resolve quality matters

Resource Management

- Adequate resources are provided to maintain and improve the Quality System and enhance customer satisfaction
- There is a documented training program which includes the definition of required competencies for employees performing work which may affect product quality
- Employees have the education, training, skills, and/or experience to meet the required competencies
- The effectiveness of the training program is evaluated
- All records of training are maintained
- The building, equipment, work environment and support services are adequate to achieve product requirements

Product Realization

- During planning of product realization the resources to support and maintain the product are identified
- It is determined that the plan meets the requirements and processes of the Quality System
- It has been determined what records are required to provide evidence the processes and product meet requirements

Customer Focus

- Customer, statutory and regulatory requirements are determined
- It is established during review that product requirements are defined and are achievable
- Documented records of the review and any resulting actions are maintained
- The review is completed prior to a commitment to supply a product to the customer
- Potential risks such as the use of new technology, or an aggressive delivery schedule are evaluated
- Appropriate functions are made aware of any changes to product requirements
- There are documented processes relating to communicating with the customer concerning product information, contract issues, feedback or complaints

Quality Self-Survey Response

Product Realization (cont.)

Design and Development

- There is a documented process addressing implementation of design changes
- Each design or development activity has a plan prepared that includes review, verification and validation milestones
- Responsibilities, authorities and organizational interfaces are defined for implementing the plan
- The planning defines the various design and development stages (mandatory steps, sequence of tasks, significant stages and configuration control method)
- A responsible person has been identified
- It is ensured there is communication between all groups involved and is there clear assignment of responsibility
- The various tasks to be accomplished are defined according to safety, functional and customer requirements
- The planning output is updated as the design and development progresses
- Inputs such as performance and statutory/regulatory requirements are determined, reviewed for adequacy and records are maintained
- Design reviews are accomplished at planned intervals
- The outputs are provided in a manner so that verification to the inputs is enabled
- Key characteristics have been identified in accordance with design/contract requirements if applicable
- All data necessary to manufacture, inspect, use and maintain the product has been identified
- There are planned arrangements for reviews to be performed at suitable stages to identify any problems, evaluate ability to meet requirements and to authorize progression to the next stage
- Verification is performed and records are maintained to verify outputs have met the input requirements
- There are planned arrangements for validation to be performed to ensure the product meets requirements
- Validation is completed prior to the delivery of the product, wherever practicable, and records of the validation results maintained
- Upon completion of design/development the company establishes that reports, test results, etc. demonstrate the product definition meets spec requirements for all identified operational conditions
- When tests are needed for verification/validation they are planned, reviewed, controlled and documented
- Test plans identify the product being tested, resources, conditions, parameters and acceptance criteria
- It is determined the correct configuration standard of the product is submitted for testing and acceptance criteria is met
- Design and development changes are reviewed, verified, validated, approved and recorded prior to implementation
- An evaluation is performed of the effect any design changes may have on constituent parts or product already delivered
- There is a change control process for approval of changes by the customer and/or regulatory authority if required by contract or regulations

Purchasing

- It is verified that purchased product conforms to purchase requirements
- The company accepts responsibility for the quality of all purchased parts including customer directed sources
- There is a documented process addressing control of suppliers, criteria for selection and evaluation
- Results of supplier evaluations and related actions are documented and maintained
- There a process in place stating what action is taken for suppliers that do not meet requirements
- An "Approved Supplier List" is maintained
- In-process inspections are performed and records of acceptability of product maintained
- Production is performed under controlled conditions that include work instructions, monitoring equipment, and acceptance criteria
- There is a "positive recall" process in place
- Test reports for raw material are periodically validated
- Our customers or their reps are allowed to verify conformance of product at our site or our supplier's site if specified by contract

Production and Service Provision

- Planning of production considers established process controls, necessary work instructions, special processes, defined verification points throughout the process, tooling for variable measurements including key characteristics
- During manufacture all product is accounted for (nonconforming product, split lots)
- There is a means for prevention, detection and removal of foreign objects (FOD)
- Changes to production processes are documented and approved by an identified authorized person(s)
- It is confirmed that changes to processes produce the desired effect with no negative impact to product quality
- The condition of production equipment/tooling being held in storage is periodically checked and is validated prior to use
- We have a documented process for verifying the controls and the quality of work that may be temporarily transferred outside our facility
- Service operation processes address collecting/analyzing data, identifying and acting on problems after delivery, control of technical info,



Quality Self-Survey Response

approval of repair schemes, and the control of work at our customer's sites

Production and Service Provision (cont.)

There is a process for the control of special processes such as ESD, soldering, including those that may only be apparent after delivery or during use

Materials are controlled, identified and nonconforming material is segregated

The inspection status of product is identified

Traceability is maintained when required

Customer property is identified, stored to prevent damage or loss, and records are maintained

There is a documented procedure for the storage, protection, handling and preservation of all product

We have a process for managing shelf life of age sensitive materials

There is a documented process for the control of measuring and test equipment including a recall system

There is unique identification for measuring and test equipment and the status of calibration is easily identifiable and records of calibration maintained

Our processes address the handling of product previously accepted when equipment is found out of calibration or out of tolerance

Measurement, Analysis and Improvement

Our company monitors customer perception and satisfaction

Internal audits are performed, results presented, and records maintained

Nonconformances from audits are identified, resolved and verification of the resulting actions takes place

There is a means of monitoring/measuring the quality management system processes including whether a product nonconformity resulted from a process nonconformity

Characteristics of the product are monitored/measured at appropriate stages in accordance with planned arrangements

Product is determined to be conforming to requirements prior to use unless released under a positive-recall procedure

Evidence of acceptance to criteria is maintained including identification of the employee authorizing release of the product

There is a documented process for performing a First Article Inspection of a representative item of a new part from the first production run

Our company establishes the controls for nonconforming product to prevent unintended use or delivery

The authority is defined for the dispositioning of nonconforming material including the process used for approving personnel that are making the determination

Our company ensures if a nonconformity results in departure from contract requirements or the product has been produced to a customer's design dispositions of UAI or Repair are not used unless specifically authorized by the customer

There is a control mechanism in place to permanently identify product dispositioned "scrap" until physically rendered unusable or placed in a holding area if customer approval is required

If a nonconformance has been detected after delivery there is a process for appropriate action including timely notification of nonconformances that may affect reliability or safety

There is a documented process for continual improvement of the quality management system

The analysis of data used toward continual improvement includes information regarding customer satisfaction, suppliers, conformity of product, trends, and opportunity for preventive action

Our company evaluates audit results, corrective/preventive actions, management review, quality policy and quality objectives and we use them as tools toward continuous improvement

Actions are taken to determine root cause and to eliminate causes of nonconformities to prevent recurrence as part of the documented Corrective Action process

When it is determined a supplier is responsible for the root cause of a corrective action the information is flowed down to the supplier

There is a process established as to what action is taken when timely and/or corrective actions are not achieved