ACCS An Acron Aviation & Thales Company POLICY	A	S9100 QN	/IS Manua	I
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# 1. PROCESS OBJECTIVE

AS9100:2016 Quality Management Systems - Requirements for Aviation, Space and Defense Organizations, Rev D (hereinafter referred to as simply AS9100) includes ISO 9001:2015 quality management system (QMS) requirements, and additional requirements specifically for the aerospace industry.

The requirements defined in the AS9100 standard are applicable to Aviation Communication & Surveillance Systems (ACSS).

This objective of this quality manual is to define how the ACSS QMS meets this AS9100 industry standard, which also includes all regulatory, statutory and customer requirements.

# 2. SCOPE/RESTRICTIONS OF QMS

ACSS designs, manufactures, repairs and supports aviation safety systems including traffic collision avoidance systems, and terrain avoidance systems. ACSS also, based on customer need, facilitates the provision of other End Items, manufactured by third party sources, that support these systems. ACSS products are designed to meet general market requirements, including the requirements in FAA Technical Standard Orders (TSO), rather than the requirements of any specific customer.

ACSS is an Acron Aviation company and is required, in some shared functional areas or in some joint venture projects, to meet certain mandated corporate and sector-level requirements. When these mandated requirements fall within the scope of the ACSS QMS, but the governance is beyond the control of ACSS, the corporate or sector-level will prevail. The lower level QMS process documentation that supports this quality manual will include specific reference to when and how these mandated requirements are incorporated into the ACSS QMS.

All documentation, data, and records for ACSS are written in the U.S. English language.

Note: Section numbering below is intentionally set to correspond to AS9100 sections.

# 3. ACSS FACILITY AND ORGANIZATION WITHIN QMS SCOPE

The ACSS facility has locations at 19810 N. 7<sup>th</sup> Avenue, Phoenix, Arizona and 5353 52nd St. SE Grand Rapids, Michigan.

# 3.1 ACSS Organization, QMS Scope and Structure

The entire ACSS organization is considered to be within the scope of this Quality Manual, as it pertains to each employee's role in performing all required QMS processes.

- The ACSS organizational structure is defined in INF-1-1, ACSS Organization, and includes the "Accountable Manager, Quality & Process Assurance" as the leader of the Quality organization. The person in this role serves as the "Management Representative" for AS9100 requirements and has a reporting relationship up to the company Top-Level Executive.
- The documented information maintained for processes required by this quality manual is listed in the AS9100 Processes by Section index (see References).
- The documented information retained for processes required by this quality manual are listed in AS9100 Retained Documented Information (see References for SharePoint site).

Additional, lower level documented information is also maintained at ACSS and indirectly supports the QMS by providing detailed instructions on how to perform required process steps. The level of control

placed on this additional documented information is defined within the supporting QMS process documentation.

## 3.2 External Access to the ACSS QMS

Customers may survey and/or monitor the ACSS quality system at any time to assure compliance with contractual requirements or to assist in resolving quality issues. Customer personnel may visit any time or be resident in the ACSS facility, following the corporate security process that applies for all visitors. This manual and any documentation or data defined by this manual is available to customer personnel at their request.

ACSS will contact the customer supply management or quality organizations if there are any issues regarding their requirements or the quality of products supplied by ACSS. ACSS will support inspections and/or surveillance by the FAA or other government organizations as needed.

# 4. CONTEXT OF THE ACSS ORGANIZATION

## 4.1 Understanding the ACSS Organization and its Context

ACSS determines, monitors and reviews the internal and external issues that are relevant to our purpose, strategic direction and ability for our QMS to achieve its intended results. See QMP-1-1, Section 4.1.

### 4.2 Interested Parties (Stakeholders) – Needs and Expectations

ACSS determines, monitors and reviews the needs, requirements and expectations of interested parties (known as "stakeholders" hereafter) that are relevant to our purpose, strategic direction and ability for our QMS to achieve its intended results. See QMP-1-1, Section 4.2.

## 4.3 Determining the Scope of the QMS

ACSS has determined the scope of the QMS based on external and internal issues (see Section 4.1), stakeholder requirements (see Section 4.2), the products and services provided by ACSS, and the intent of ACSS to comply with all aspects of the AS9100 standard as well as applicable regulatory, statutory and other customer requirements. Per Section 3.1, the description of the scope of the ACSS QMS is included and maintained within this set list of documented information. See QMP-1-1, Section 4.3.

### 4.4 QMS and its Processes

4.4.1 Per Section 4.3, ACSS has established, implemented, maintains and continually improves the QMS, including the processes needed and their interactions, in accordance with the stated external requirements.

ACSS has determined the processes needed for the QMS, and their application throughout ACSS. See QMP-1-1, Section 4.4.

4.4.2 Quality Manual and QMS Documented Information

This document is the ACSS quality manual for complying with AS9100 and describes the entire scope of the system. There are no specific exclusions to AS9100.

Per the information provided in this section and 7.5 Documented Information, ACSS maintains and retains documented information necessary to support the operation of processes and provide confidence that the processes are carried out as planned. See QMP-1-1, Section 4.4.2.

# 5. LEADERSHIP

## 5.1 Leadership and Commitment

### 5.1.1 General

Executive management of ACSS provides evidence of its leadership and commitment to the QMS. See QMP-1-1, Section 5.1.1.

### 5.1.2 Customer Focus

The ACSS Executive Management Team demonstrates leadership and commitment to customer focus by providing the processes, resources and toolsets as needed for all employees. See QMP-1-1, Section 5.1.2.

## 5.2 Quality Policy

5.2.1 Establishment of the ACSS Quality Policy

ACSS Executive Management has established, implemented and maintains the Acron Aviation Quality Policy as its Quality Policy:

"Quality is critical for Acron's innovative approach to creating safer skies. We are dedicated to meeting customer requirements to become the unconventional, top-tier partner of choice through continuous improvement and living our values."

### 5.2.2 Communication of the Quality Policy

The ACSS Quality Policy is:

- a. Available and maintained as documented information,
- b. Communicated to all employees within the organization,
- c. Available to relevant interested parties / stakeholders, as appropriate.

See QMP-1-1, Section 5.2.2.

## 5.3 Organizational Roles, Responsibilities and Authorities

ACSS Executive Management has ensured that the responsibilities and authorities for relevant roles are assigned, communicated and understood within the organization. See QMP-1-1, Section 5.3.

ACSS Executive Management has appointed the "Accountable Manager" in INF-1-1, ACSS Organization, to be the Management Representative per the terms in AS9100. This person has the responsibility and oversight of the above requirements, and also has the organizational freedom and unrestricted access to the Executive Management to resolve QMS issues. The Management Representative is also the liaison for ACSS for external parties related to the QMS as defined by AS9100, although other individuals may be assigned as liaisons for ACSS for specific regulatory and/or statutory requirements.

# 6. PLANNING

## 6.1 Actions to Address Risk and Opportunities

6.1.1 At ACSS, planning for the QMS considers issues (Section 4.1), requirements (Section 4.2), risks and opportunities that must be addressed. See QMP-1-1, Section 6.1.1

6.1.2 ACSS plans:

a. Actions to address identified risks and opportunities,

- b. How to integrate and implement actions into our QMS processes (see Section 4.4).
- c. How to evaluate the effectiveness of these actions.

The appropriate management levels and action teams review actions taken to address risks and opportunities to ensure they are proportionate to the potential impact on the conformity of products and services. See QMP-1-1, Section 6.1.2.

## 6.2 Quality Objectives and Planning

6.2.1 The ACSS Executive Management sets annual quality objectives as NFOs for the organization. These objectives are, when designed, for relevant functions at all levels, and processes needed for the QMS. See QMP-1-1, Section 6.2.1

6.2.2 When planning how to achieve the quality objectives, ACSS determines criteria for ensuring success. See QMP-1-1, Section 6.2.2.

### 6.3 Planning of Changes

When ACSS determines a need for a change to the QMS, the changes are carried out in a planned manner (see Section 4.4). See QMP-1-1, Section 6.3.

## 7. SUPPORT

#### 7.1 Resources

#### 7.1.1 General

ACSS determines and provides the resources needed for the establishment, implementation, maintenance and continual improvement of the QMS during the annual staff review and budgeting process. This includes the consideration of the capabilities and constraints on existing internal resources, as well as what can or should be obtained by external sources or providers. See QMP-4-1, Section 7.1.1.

#### 7.1.2 People

ACSS determines and provides the staff necessary for the effective implementation of the QMS, including the operation and control of the processes. In addition to dedicated Quality Team staff, ACSS utilizes employees in other functional groups as well as additional temporary resources as needed to ensure the QMS is sufficiently supported. See QMP-4-1, Section 7.1.2.

#### 7.1.3 Infrastructure

ACSS has determined, provides and maintains the infrastructure necessary to ensure the operation of our processes and to achieve conformity of products and services. This includes all aspects needed for the design, manufacture, repair and support work at ACSS. See QMP-5-1.

#### 7.1.4 Environment for the Operation of Processes

ACSS has determined, provides and maintains the environment necessary for the operation of the processes needed to achieve conformity of products and services. This includes a suitable environment for both human and physical factors. See QMP-5-1.

7.1.5 Monitoring and Measuring Resources

#### 7.1.5.1 General

ACSS has determined and provides the resources necessary to ensure valid and reliable results when monitoring or measuring is used to verify the conformity of products and services to requirements. ACSS ensures the types of resources provided. See QMP-14.2-2.

#### 7.1.5.2 Measurement Traceability

ACSS considers measurement traceability, or calibration, of externally acquired equipment a requirement for AS9100 and for regulatory purposes.

ACSS has established, implemented and maintains a process for the recall of monitoring and measuring equipment, referred to as "equipment" in this section, that requires calibration or verification. This process includes maintaining a register of the equipment by type, unique identification (i.e., ACSS asset tag number), location and calibration method, frequency, and acceptance criteria. See QMP-14.2-2.

#### 7.1.6 Organizational Knowledge

ACSS has determined the knowledge necessary for the operation of our processes and to achieve conformity of products and services. This knowledge is maintained and made available to the extent necessary in the internal repositories that are used by the functional groups that collect and refer to this information.

When addressing changing needs and trends, ACSS considers the current knowledge and determines how to acquire or access any necessary additional knowledge or updates. See QMP-4-1, Section 7.1.6.

## 7.2 Competence

ACSS values the competence of its employees as key factor in ensuring the effectiveness of the QMS. In order to achieve the required competence, ACSS will provide training, mentoring, re-assignment, and the hiring or contracting of the appropriate and competent people. See QMP-4-1, Section 7.2.

### 7.3 Awareness

ACSS ensures that people doing work under ACSS's control are aware of critical elements required to perform their duties in compliance with all AS9100 requirements. See QMP-4-1, Section 7.3.

### 7.4 Communication

ACSS determines the internal and external communications relevant to the QMS (which will include external and internal feedback). See QMP-4-1, Section 7.4.

## 7.5 Documented Information

ACSS's QMS includes documented information required by AS9100 and that which has been determined necessary for the effectiveness of the QMS. See QMP-8-1, Section 7.5.

## 8. OPERATION

#### 8.1 Operational Planning and control

ACSS plans, implements, and controls the QMS processes that are applicable to meet the requirements for the provision of all products and services. This includes the actions determined in Section 6 Planning, and may also include other product-specific processes to develop, manufacture, sell, and service products. See QMP-12-1, Section 8.1.

8.1.1 Operational Risk Management

ACSS plans, implements and controls processes for managing organizational risk to the achievement of applicable requirements that includes as appropriate to the organization and the products and services. See QMP-12-1, Section 8.1.1.

8.1.2 Configuration Management

ACSS plans, implements and controls processes for configuration management as appropriate to the organization, products and services, in order to ensure the identification and control of physical and functional attributes through the product lifecycle. See QMP-12-1, Section 8.1.2.

### 8.1.3 Product Safety

ACSS plans, implements and controls the processes needed to assure product safety during the entire product lifecycle, as appropriate to the organization, products and services. See QMP-12-1, Section 8.1.3.

8.1.4 Prevention of Counterfeit Parts

ACSS plans, implements and controls processes, appropriate to the organization, products and services, for the prevention of counterfeit or suspect part use and their inclusion in product(s) delivered to the customer. See POL-4-8, *Counterfeit Parts Risk Mitigation*, for further details related to how this requirement is met and also see QMP-12-1, Section 8.1.4.

# 8.2 Requirements for Products and Services

#### 8.2.1 Customer Communication

ACSS has communication with customers. See QMP-11-1, Section 8.2.1, which includes:

- Information relating to products and services;
- Handling enquiries, contracts or orderings, including changes;
- Obtaining customer feedback relating to products and services, including customer complaints;
- Handling or controlling customer property;
- Establishing specific requirements for contingency actions, when relevant.

#### 8.2.2 Determining the Requirements for Products and Services

ACSS uses two main modes of developing products: (a) development to meet market place requirements that is not specific to any single customer and (b) development to meet a specific customer's requirements. See QMP-11-1, Section 8.2.2.

#### 8.2.3 Review of the Requirements for Products and Services

ACSS ensures it has the ability to meet the requirements for products and services to be offered to customers. ACSS conduct a review before committing to supply products and services to the customer. See QMP-11-1, Section 8.2.3.

This review is coordinated with the applicable functions of ACSS. If upon review ACSS determines that some customer requirements cannot be met or can only partially be met, ACSS negotiates a mutually acceptable requirement with the customer.

#### 8.2.4 Changes to Requirements for Products and Services

ACSS ensures that relevant documented information is amended, and that relevant persons are made aware of changed requirements, when requirements for products and services are made. See QMP-11-1, Section 8.2.4, Design and Development of Products and Services

## 8.3 Design and Development of Products and Services

#### 8.3.1 General

ACSS establishes, implements and maintains a design and development process that is appropriate to ensure the subsequent provision of products and services. See QMP-13-1, Section 8.3.1.

#### 8.3.2 Design and Development Planning

When determining the stages and controls for design and development, ACSS considers multiple key elements and requirements; for further details, see QMP-13-1, Section 8.3.2.

When appropriate, ACSS divides the design and development effort into distinct activities and, for each activity, defines the tasks, necessary resources, responsibilities, design content, and inputs and outputs.

Design and development planning considers the ability to provide, verify, test and maintain products and service (reference output of Section 8.1a).

#### 8.3.3 Design and Development Inputs

ACSS determines the requirements essential for the specific types of products and services to be designed and developed. Product requirements are defined for the system and then decomposed into hardware and software requirements, as applicable to the particular project. See QMP-13-1, Section 8.3.3.

The design and development inputs are reviewed at suitable stages during the course of their generation to ensure they are adequate for design and development, complete, and unambiguous. Any conflicting design and development inputs must be resolved. ACSS retains documented information for all design and development inputs.

#### 8.3.4 Design and Development Controls

ACSS applies controls to the design and development process to ensure that:

- a. the results to be achieved are defined;
- b. reviews are conducted to evaluate the ability of the results of design and development to meet requirements;
- c. verification activities are conducted to ensure that the design and development outputs meet the input requirements;
- d. validation activities are conducted to ensure that the resulting products and services meet the requirements for the specified application or intended use;
- e. any necessary actions taken on problems determined during the reviews, or verification and validation activities;
- f. documented information of these activities is retained;
- g. progression to the next stage is authorized.

Participants in design and development reviews include representatives of functions concerned with the design and development stage(s) being reviewed. See QMP-13-1, Section 8.3.4.

- 8.3.4.1 When tests are necessary for verification and validation, these tests are planned, controlled, reviewed and documented. See QMP-13-1, Section 8.3.4.1.
- 8.3.5 Design and Development Outputs

ACSS ensures that design and development outputs:

- a. Meet the input requirements;
- b. Are adequate for the subsequent processes for the provision of products and services;
- c. Include or reference monitoring and measuring requirements, as appropriate, and acceptance criteria;
- d. Specify the characteristics of products and services that are essential for their intended purpose and their safe and proper provision;
- e. Specify, as applicable, any critical items, including key characteristics, and specify actions to be taken for these items;
- f. Are approved by authorized person(s) prior to release.

ACSS defines the data required to allow the product to be identified, manufactured, verified, used, and maintained. ACSS retains documented information on design and development outputs. See QMP-13-1, Section 8.3.5.

#### 8.3.6 Design and Development Changes

ACSS identifies, reviews, and controls changes made during, or subsequent to, the design and development of products and services, to the extent necessary to ensure there is no adverse impact on conformity to requirements. See QMP-13-1, Section 8.3.6.

ACSS implements a process with criteria for notifying its customer, prior to implementation, about changes that affect customer requirements.

Design and development changes are controlled in accordance with configuration management process requirements.

# 8.4 Control of Externally Provided Processes, Products and Services

### 8.4.1 General

ACSS ensures that externally provided processes, products and services conform to requirements.

ACSS is responsible for the conformity of all externally provided processes, products and services, including from sources defined by the customer.

ACSS shall ensure, when required, that customer-designated or approved external suppliers, including process sources (e.g., special processes), are used.

ACSS identifies and manages the risks associated with the external providers of processes, products and services, as well as the selection and use of external providers.

ACSS required that external providers apply appropriate controls to their direct and sub-tier external providers, to ensure that requirements are met.

ACSS determines the controls to be applied to externally provided processes, products and services.

ACSS determines and applies criteria for the evaluation, selection, monitoring of performance, and reevaluation of external providers, based on their ability to provide processes or products and services in accordance with requirements. ACSS retains documented information of these activities and any necessary actions arising from the evaluations. See QMP-14-1, Section 8.4.1.

#### 8.4.2 Type and Extent of Control

ACSS ensures that externally provided processes, products and services do not adversely affect ACSS's ability to consistently deliver conforming products and services to its customers. See QMP-14-1, Section 8.4.2.

8.4.3 Information for External Providers

ACSS ensures the adequacy of requirements prior to their communication to the external provider.

ACSS communicates to external providers requirements for multiple QMS elements; see QMP-14-1, Section 8.4.3.

# 8.5 **Production and Service Provision**

8.5.1 Control of Production and Service Provision

ACSS implements production and service provision under controlled conditions.

Controlled conditions include multiple requirements; see QMP-15-1, Section 8.5.1.

### 8.5.1.1 Control of Equipment, Tools, and Software Programs

Equipment, tools, and software programs used to automate, control, monitor, or measure production processes are validated prior to final release for production and are maintained.

Storage requirements are defined for production equipment or tooling in storage including any necessary periodic preservation or condition checks. See QMP-15-1, Section 8.5.1.1.

### 8.5.1.2 Validation and Control of Special Processes

For processes where the resulting output cannot be verified by subsequent monitoring or measurement, ACSS establishes arrangements for these processes. See QMP-15-1, Section 8.5.1.2.

#### 8.5.1.3 Production Process Verification

ACSS implements production process verification activities to ensure the production process is able to produce products that meet requirements.

ACSS uses a representative item from the first production run of a new part or assembly to verify that the production processes, production documentation, and tooling are able to produce parts and assemblies that meet requirements. This activity shall be repeated when changes occur that invalidate the original results e.g., engineering changes, production process changes, tooling changes. See QMP-15-1, Section 8.5.1.3.

#### 8.5.2 Identification and Traceability

ACSS uses suitable means to identify outputs when it is necessary to ensure the conformity of products and services.

ACSS maintains the identification of the configuration of products and services in order to identify any differences between the actual configuration and the required configuration.

ACSS identifies the status of outputs with respect to monitoring and measurement requirements through production and service provision.

When acceptance authority media are used (e.g., stamps, electronic signatures, passwords), ACSS establishes controls for the media.

ACSS controls the unique identification of the outputs when traceability is a requirement and retains the documented information necessary to ensure traceability. See QMP-15-2, Section 8.5.2.

#### 8.5.3 Property Belonging to Customers or External Providers

ACSS exercises care with property belonging to customers or external providers while it is under the ACSS's control or being used by ACSS.

ACSS identifies, verifies, protects and safeguards customers' or external providers' property provided for use or the incorporation into the products and services.

The customer or external provider is immediately notified, if any customer property is lost, damaged or otherwise found to be unsuitable for use and documented information is retained for what has occurred. See QMP-15-2, Section 8.5.3.

#### 8.5.4 Preservation

ACSS preserves the outputs during production and service provision, to the extent necessary to ensure conformity to requirements.

Preservation of outputs also includes, when applicable in accordance with specifications and statutory and regulatory requirement, multiple other elements. See QMP-15-2, Section 8.5.4.

#### 8.5.5 Post Delivery Activities

ACSS meets requirements for post-delivery activities associated with the products and services. In determining the extent of post-delivery activities that are required, ACSS considers multiple requirements and QMS elements. When problems are detected after delivery, ACSS takes appropriate action including investigation and reporting. See QMP-15-2, Section 8.5.5.

### 8.5.6 Control of Changes

ACSS reviews and controls changes for production and service provision, to the extent necessary to ensure continuing conformity with requirements.

Persons authorized to approve production or service provision changes are identified.

ACSS retains documented information describing the results of the review of changes, the person(s) authorizing the change, and any necessary actions arising from the review. See QMP-15-2, Section 8.5.6.

## 8.6 Release of Products and Services

ACSS implements planned arrangements, at appropriate stages, to verify that the product and service requirements have been met.

The release of products and services to the customer do not proceed until the planned arrangements have been satisfactorily completed, unless otherwise approved by a relevant authority and, as applicable, the customer.

ACSS retains documented information on the release of products and services. The documented information includes:

- a. Evidence of conformity with the acceptance criteria;
- b. Traceability to the person(s) authorizing the release.

When required to demonstrate product qualification, ACSS ensures that retained documented information provides evidence that the products and services meet the defined requirements.

ACSS ensures that all documented information required to accompany the products and services are present at delivery. See QMP-15.2, Section 8.6.

## 8.7 Control of Nonconforming Outputs

8.7.1 ACSS ensures that outputs that do not conform to their requirements are identified and controlled to prevent their unintended use or delivery.

ACSS takes appropriate action based on the nature of the nonconformity and its effect on the conformity of products and services. This also applies to nonconforming products and services detected after delivery of products, during or after the provision of services. See QMP-14.2-1, Section 8.7.

## 9. PERFORMANCE EVALUATION

## 9.1 Monitoring, Measurement, Analysis and Evaluation

#### 9.1.1 General

ACSS has determined:

- a. what needs to be monitored and measured
- b. the methods for monitoring, measurement, analysis, and evaluation needed to ensure valid results
- c. when monitoring and measuring shall be performed
- d. when the results from monitoring and measurement shall be analyzed and evaluated.

ACSS evaluates the performance and effectiveness of the QMS. See QMP-9-1, Section 9.1.1.

9.1.2 Customer Satisfaction

ACSS monitors customers' perceptions of the degree to which their needs and expectations have been fulfilled. See QMP-7-1, Section 9.1.2.

### 9.1.3 Analysis and Evaluation

ACSS analyzes and evaluate appropriate data and information arising from monitoring and measurement, including information on product and service problems reported by external sources. See QMP-9-1, Section 9.1.3.

## 9.2 Internal Audit

ACSS conducts internal audits of the system at planned intervals (see QMP-9-1, Section 9.2) to provide information on whether the QMS:

- a. conforms to all requirements for the ACSS QMS, including those for applicable regulatory, statutory and customers' requirements,
- b. the requirements of AS9100;
- c. has been effectively implemented and maintained.

### 9.3 Management Review

The Executive Management Team reviews ACSS's QMS quarterly to ensure its continuing suitability, adequacy, effectiveness, and alignment with the strategic direction of ACSS. See QMP-1-1, Section 9.3.

## **10. IMPROVEMENT**

## 10.1 General

ACSS determines and selects opportunities for improvement and implements necessary actions to meet customer requirements and enhance customer satisfaction. See QMP-9-1, Section 10.1.

## **10.2 Nonconformity and Corrective Action**

10.2.1 When a nonconformity for products or processes occur, including any arising from complaints, ACSS has well-established processes in place to address the nonconformity and corrective action. See QMP-9-1, Section 10.2.

## **10.3 Continual Improvement**

ACSS continually improves the suitability, adequacy, and effectiveness of the QMS.

ACSS considers the results of analysis and evaluation, and the outputs from management reviews, to determine if there are needs or opportunities that shall be addressed as part of continual improvement.

ACSS monitors the implementation of improvement activities and evaluates the effectiveness of the results. See QMP-9-1, Section 10.3.

## 11. BACKGROUND

The AS9100:2016 Rev D release was a major change for the quality standard, expanding the overall standard in length and detail. This precipitated significant changes in the ACSS QMS documentation, which had been created to align with the former standard.

In an effort to reduce complexity and overall length of ACSS' AS9100 Quality Manual, additional quality manual parts (QMP) documents were created to contain the detailed requirements by ACSS functional area.

# 12. DEFINITIONS

Acronym	Definition
ACSS	Aviation Communication & Surveillance Systems
PAH	Production Approval Holder
QMS	Quality Management System
R&O	Repair and Overhaul

Term	Definition
Accountable Manager	The person responsible for and with authority over all PAH-related operations, including ensuring that personnel follow applicable regulations, and serving as the primary contact with the FAA.

# 13. REFERENCES

### **Industry Documents**

Number and/or Title	<u>Title</u>
AS9100	Quality Management Systems - Requirements for Aviation, Space and Defense Organizations
	Reference Location: <u>Avionics QMS</u> > <u>AS9100 Standard</u>

## **Business Process Documents**

Document Number	Title	
INF-1-1	ACSS Organization	
POL-4-8	Counterfeit Parts Risk Mitigation	
QMP-1-1	ACSS Organizational Leadership Elements	
QMP-4-1	QMS Resources, Competence and Awareness	
QMP-5-1	QMS Infrastructure Environmental	
QMP-7-1	QMS Evaluation of Customer Satisfaction	
QMP-8-1	QMS Documented Information	
QMP-9-1	QMS Performance Evaluation and Improvement	
QMP-11-1	QMS Requirements for Products and Services	
QMP-12-1	QMS Operational Planning Control	
QMP-13-1	QMS Design Development of Products Services	
QMP-13-2	QMS Deliverable Software Elements	
QMP-14-1	QMS Control of Externally Provided Processes, Products and Services	

Document Number	Title
QMP-14.2-1	QMS Control of Nonconforming Outputs
QMP-14.2-2	QMS Monitoring and Measuring
QMP-15-1	QMS Control of Production Service Provision
QMP-15-2	QMS Elements for Production Services
QMP-19-1	QMS Elements for Repair and Overhaul

### Other Documents, Websites, Etc.

Business Process Documents	ACSS Process Documents
AS9100 Processes by Section	AS9100 Processes by Section
AS9100 Retained Documented Information	AS9100 Quality Records Index

# 14. REVISION HISTORY

<u>Revision</u>	Date of Revision	Description of Change
Rev -	07-DEC-17	Summary Initial release. ECR017959 Create new POL-3.1-1 as AS9100RevD QMS Manual and associated QMPs Authored by – Jeanette Burmester, Quality Engineer
Rev A	22-FEB-18	Summary Revised per ECR to fix quality record index references. ECR018297 Revise POL-3.1-1 to replace the RevC INF-P7, AS9100 Quality Records, index with SharePoint site link (CAR 6537) Revised by – Jeanette Burmester, Quality Engineer
Rev B	10-MAR-2020	<ul> <li>Summary Revised per ECR to add L3Harris Quality Policy and update references. </li> <li>ECR019280 Added the L3Harris Quality Policy to Section 5.2, and updated references. Updated references to AS9100 in document; update References; update logo and template; made minor grammatical and punctuation corrections. Revised by – Elaine McCall, Lead Auditor; Miachelle DePiano, Quality Senior Technical Writer</li></ul>

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<u>Revision</u>	Date of Rev	<u>vision</u>	Description of Change	
Rev C	29-MAR-	2023	Summary Revised to update reference locations in Section 13. ECR019857 Revise ACSS QMS documents per three-year review Revised by – Jimbo Brown, Quality	v requirements.
Rev D	09-APR-2	2024	Summary Added Grand Rapids site information and updated Q ECR020386	uality Policy.
Rev E	24-APR-:	2025	Add Grand Rapids site to QMS scope and update qu "L3Harris recognizes that Quality matters to the miss dedicated to meeting customer requirements and mis needs through continuous improvement." <b>Revised by –</b> Amber Schroeder, Quality Engineer <b>Summary</b>	ality policy to ion. We are ssion-critical
		2020	Removed refrence to L3Harris and replaced with Acr Update quality policy to new Acron Aviation Quality F <b>Revised by –</b> Amber Fahy, Quality Engineer	on Aviation. 'olicy.
	UCUMENT			

<ul> <li>Approved</li> </ul>		Brown, Jimbo (US) - (Acron Aviation)
4/24/2025 4:05 PM ET	125	Manager, Quality Mgmt

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