BURRANA

Burrana Inc. Quality Systems Manual

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Locations and Scope
Production and Repair
El Porvenir, Progreso,
21188 Mexicali, Baja California

AS9100 Scope:
Sales, Customer Support, Purchasing, Assembly, Inspection, Testing, Final Inspection, Warehousing, and Shipping/Receiving of In-Seat Power Systems and other Electrical/Electronic Cabin Systems
AS9110 Scope:
Maintenance, Fabrication, and Support of In-Seat Power Systems, In-Flight Entertainment Systems, and Other Electrical / Electronic Cabin Systems.

743 West 1200 North, Suite 100
Springville, Utah 84003

AS9100 Scope:
Customer Support, Operations (Production and Repair), Stores Management, and Quality Control of In-Seat Power Systems and Other Electrical/Electronic Cabin Systems.

AS9110 Scope:
Production Planning, Quality Control, Logistics, and Maintenance of In-Seat Power Systems and other Electrical/Electronic Cabin Systems.

Satellite site for Part 21
1757 Carr Road, Suite 100 E
Calexico, CA 92231

Engineering
Unit 5/53 Southgate Ave,
Cannon Hill QLD 4170, Australia

AS9100 Scope:
Manufacturing, Engineering, and Design Validation of In-Seat Power Systems, In-Flight Entertainment Systems, and other Electrical/Electronic Cabin Systems.

1733 Alton Pkwy,
Irvine, CA 92606, United States

AS9100 Scope:
Engineering and Design Validation of In-Seat Power Systems, In-Flight Entertainment Systems, and other Electrical/Electronic Cabin Systems.

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1 Introduction

The Top Management of Burrana has established a Quality Management System (QMS) to document best practices, meet customer requirements, and enhance overall management. The QMS aligns with regulations addressing the design, development, assembly, installation, and servicing of our products, while applying a Risk Based Approach ensuring that processes are managed effectively and prevents undesirable outcomes while enhancing performance. The Key Processes of the QMS are captured in this manual. The Outline, structure, responsibilities, and other information necessary to maintain compliance are contained in this manual.

Burrana Inc. integrates environmental sustainability into its QMS in compliance with AS9100 and AS9110 standards, if required by interested parties, ensuring adherence to relevant environmental regulations and continual improvement practices.

Safety has been integrated into our Quality Culture for both Products and People.

Company Overview — Products, Services, and Market Position

Burrana provides innovative solutions for airlines, enhancing the inflight experience through trusted, reliable, and high-performance products. Our offerings improve operational and cost efficiencies while enabling ancillary revenue opportunities, offering passengers comfort and control, and supporting airline staff in delivering exceptional service.

To become the leader in our industry, Burrana has identified that In-flight amenities like In Seat Power Solutions, cabin lighting, entertainment systems, and connectivity, are vital to enhancing passenger experiences, with in-seat power rated as the most influential.

Vision

To be the leading global supplier of innovative power solutions for aircraft by 2029.

Mission

To design and manufacture power systems that provide our airline customers with the highest value proposition.

2 Scope of the Quality Management System by Manual

PQM-422-1 Scope: This FAA PMA/STC Quality Manual is an introduction and guide through the Quality System requirements for Burrana for the manufacturing of articles as a Production Approval Holder (PAH).
As a result of Burrana's need to hold Parts Manufacturing Approvals (PMAs) and to be granted production approval holder status from the Federal Aviation Administration (FAA), this document was written to fulfill the requirements for a Quality Manual.

SPR-RSM-841-01 Scope: This Repair Station Manual (RSM) is a statement of how Burrana, Inc. (Burrana) Repair Station will control maintenance, quality, and administrative processes to ensure product conformance to customer requirements. Burrana will perform or have performed the inspections and tests required to substantiate product conformance to drawing, specifications, and customer contract requirements and perform all inspections and tests otherwise required by customer contract. The system outlined in the RSM and the documents in §1.8 meet the requirements outlined in 14 CFR 145. These documents will hereafter collectively be referred to as this Manual.

QA-RSM-440-01 Scope: This Repair Station Manual (RSM) is a statement of the means by which Co-Production de Tijuana SA de CV. (Burrana Inc.) Mexicali Repair Station will control maintenance, quality, and administrative processes in order to assure product conformance to customer requirements. Burrana will perform or have performed the inspections and tests required to substantiate product conformance to component maintenance manuals, specifications and customer contract requirements and will also perform or have performed all inspections and tests otherwise required by customer contract. Conformity to AS9100 and AS9110 is claimed only if applicable requirements are met. If any requirements are deemed not relevant, justification is documented.

Exclusions:
Engineering activities, including design and development, are excluded from the Repair Station scope, as Repairs are made in accordance with approved CMMs and regulatory approvals.

Climate Change Impact is excluded until air travel declines due to climate-related reasons.

3 Document Information

Approval, Responsibility, Control, and Distribution

The VP Quality has the final authority to approve and distribute this Quality Manual. Process owners may revise and approve the sections that are relevant to their expertise with support from the VP Quality.

Burrana maintains the latest approved revision of the Quality Manual in the QMS software which contains the status, a description of changes, revision history, and comments. The Current Approved Revision is accessible to all employees. Any printed copies clearly state “Printed Copies are Uncontrolled” in the footer of each page.

Burrana reserves the right to update this Quality System Manual, and its supporting documents as needed to align with standards and improve processes, provided changes do not compromise product conformity or regulatory compliance and do not require external approval.

Terms and Definitions

Applicable definitions are included in documented procedures and instructions to enhance the understanding of the process. In addition to the terms and definitions listed in ISO 9000, the following are specific to Aviation, Space, and Defense (ASD) quality management system:

TERM	MEANING
Counterfeit Part	An unauthorized copy, imitation, substitute, or modified part such as material, part, component, which is knowingly misrepresented as a specified genuine part of an original or authorized manufacturer.
Critical Items	Those items such as functions, parts, software, characteristics, processes having significant effect on the provision and use of the products and services; including safety, performance, form, fit, function, producibility, service life, etc.; that require specific actions to ensure they are adequately managed.
Key Characteristic	An attribute or feature whose variation has a significant effect on product fit, form, function, performance, service life, or producibility, that requires specific actions for controlling variation.
Product Safety	The state in which a product can perform to its designed or intended purpose without causing unacceptable risk of harm to persons or damage to property.
Special Requirements	Those requirements identified by the customer, or determined by the organization, which have high risks of not being met, thus requiring their inclusion in the operational risk management process.
QwizPro	Burrana QMS Software used for Configuration Management, Storage, Control, and Distribution of the QMS.

References

The Burrana QMS Process Flow Diagram (Table 1), Locations/Functions Matrix (Table 2), and Relevant Interested Parties (Table 3) have been captured within this Quality Manual.

4 Context of the Organization

Applicable Standards and Regulations

Burrana has identified the specific standards and regulatory requirements (AS9100, AS9110, AS9115, AS9145, ISO 9000, ISO 9001, FAA, EASA, CAA, CAAC, AFAC, and Customer requirements as applicable) and includes them in the internal audit process. Other standards and regulations may also be recognized based on customer requirements that are necessary to enhance customer satisfaction and safety.

Quality Policy

Burrana is committed to providing safe, effective products and services that meet or exceed our aviation customers' design, performance, safety, and reliability requirements, delivered on time and at the greatest value.

Burrana continuously strives to improve its products, processes, and the effectiveness of its Quality Management System by complying with Customer, Regulatory, and AS series standards.

Safety Policy

Burrana is committed to meeting our health and safety objectives to ensure our employees a safe and productive working environment. Burrana encourages employees to report potential safety violations without fear of retribution to implement corrective action immediately.

We strive to comply with the safety regulations, codes of practice, and safety guidance materials applicable to our sites of operation as a minimum commitment to safety and continual improvement of safety management system.

At Burrana, we will provide a safe and healthy work environment free from workplace injury and illness. We will achieve this through the participation, cooperation, and commitment of everyone at Burrana.

Burrana is equally committed to product safety, ensuring that all products we design, manufacture, and repair meet the highest standards of safety and reliability. We incorporate product safety into all phases of the product lifecycle and encourage all employees to report any product safety concerns without fear of retribution so that corrective actions can be taken promptly.

Quality Objectives

Burrana has established Quality Objectives that align with the Quality Policy and Safety Policy, supporting the company's strategic direction using KPIs (Key Performance Indicators) that are aligned with our strategic direction and interested parties. These objectives are communicated to relevant functions at each site, promoting continuous improvement. Objectives are reviewed at least annually for effectiveness and adjusted as necessary.

Work Health and Safety

Burrana promotes a safe work environment, allowing employees to engage in safe work practices, identify hazards, manage Risks, and has the authority and responsibility to report unsafe conditions. Burrana Management Teams promote safety as a core value and take into consideration employees concerns to improve the overall health and safety within Burrana.

Organization chart

Burrana uses the A-530-01 ORG Chart maintained in QwizPro to share the current Organizational Chart with all employees. This chart is updated periodically to align with the current structure.

5 Tables and Diagrams

Table 1: QMS System Diagram AS9100/AS9110

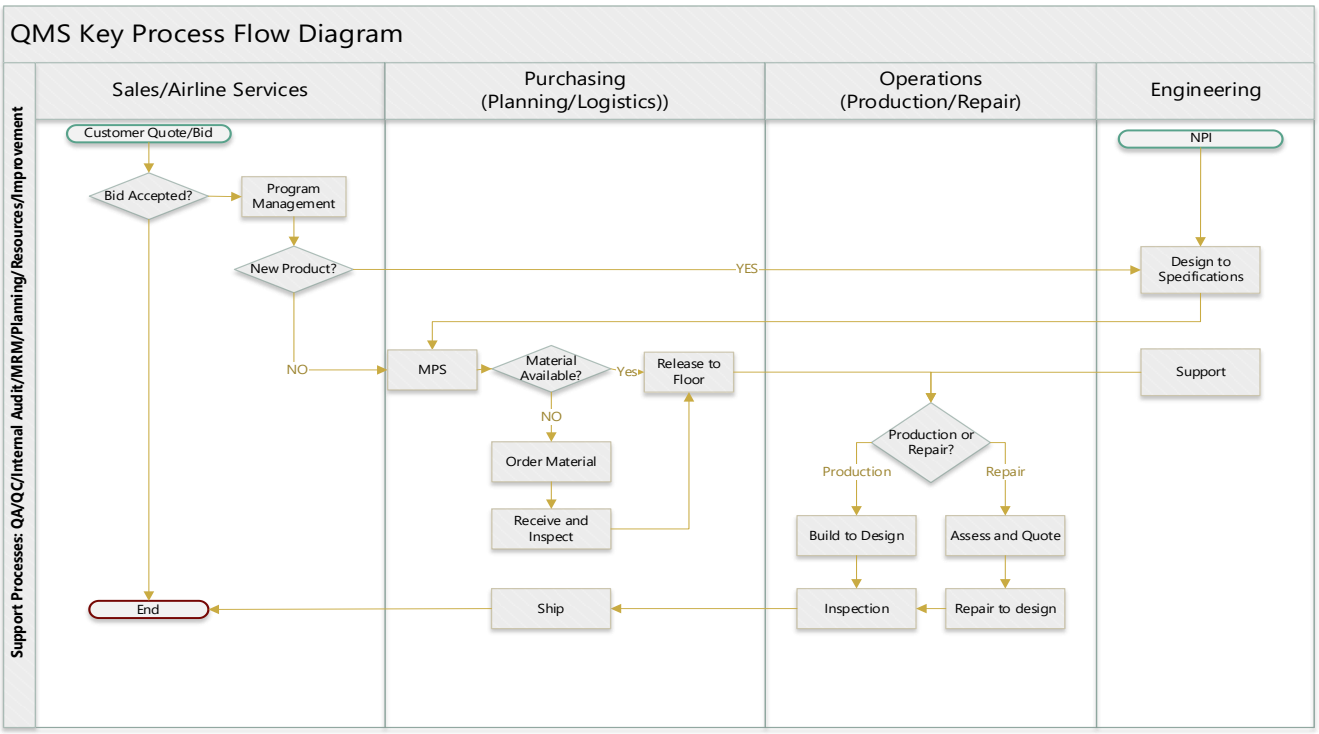

Table 2: Burrana Locations / Functions Matrix

Location	Production	Repair	Sales/Programs	Purchasing	Engineering	Quality
Springville, UT, USA	X	X				X
Calexico, CA, USA						X
Irvine, CA, USA					X	X
Brisbane, QLD, AUS					X	X
Mexicali, MX	X	X	X	X		X
Subcontractors Using the Burrana System						
Toulouse, France		X				X
Shanghai, China		X				X

Table 3 - Burrana Interested Parties

Who	Need	Expectation	Monitoring Process
Customers	Predictable On-Time Delivery Product Quality meets expectations Continuous Innovation	Competitive Pricing, Conforming Product On-Time Investment in R&D	Delivery Metrics CARs Engineering performance metrics
Management	Sales Growth Profitable Programs Predictable Delivery	Performance to Meet or Exceed Goals	Profit and Loss Statement Engineering and Operations on Time Metrics
Employees	Safe Work Environment Challenge work with growth opportunities	Competitive Conditions	Employee Satisfaction Employee Retention
Shareholders and Debt Providers	Sales target achievement Stable financial performance Strong Cash Flows	Performance to Meet or Exceed Goals	Profit and Loss Statement Balance Sheet Cash Flow Statement
Materiel Suppliers	Forward visibility of Demand Timely Purchase Orders Timely Payment	On-Time Payment	Supplier Scorecards
Aviation Regulators	Compliance	Continuous Monitoring Internal Audit QMS Review and Improvement	CARs
Other Statutory and Regulatory Bodies	Variable Compliance	Compliance to Requirements	Nonconformance Reports
Landlords/ Landowners	Stable financial performance	On-Time Payment	On-Time Payment
Utilities and other non-materiel suppliers	Stable financial performance	On-Time Payment	On-Time Payment

6 Reference Documents, Standards, and Regulations

Standard	Regulatory Body	Internal Document
AS9100D Quality Management Systems – Requirements for Aviation, Space, and Defense Organizations.	FAA 14 CFR Part 21	PQM-422-1 Production Quality Manual
AS9110C - Quality Management Systems – Requirements for Aviation Maintenance Organizations	FAA 14 CFR Part 145	SPR-RSM-841-01 SPR Repair Station Manual
AS9115A - Quality Management Systems – Requirements for Aviation, Space and Defense Organizations – Deliverable Software	EASA Part 145	QA-RSM-440-01 MXL Repair Station Manual
AS9145 - Aerospace Series – Requirements for Advanced Product Quality Planning and Production Part Approval Process	AFAC Part 145	A-530-01 Burrana Org Charts
ISO 9000:2015 Quality Management Systems – Fundamentals and Vocabulary.	CAAC Part 145	
ISO 9001:2015 Quality Management Systems – Requirements	CAA Part 145	