

ISO 16091:2018 (E)

Space systems — Integrated logistic support

Contents

	Foreword
	Introduction
1	Scope
2	Normative references
3	Terms, definitions and abbreviated terms
4	Fundamentals requirements of integrated logistics support
4.1	Project context
4.2	Integration Logistics Support main concepts
4.2.1	Integration Logistics Support concept
4.2.2	Integrated Logistics Support planning
4.2.3	Life cycle cost
5	Management requirements for ILS
5.1	Control of logistic activities
5.1.1	Objectives and requirements
5.1.2	Control of risks
5.1.3	Concurrent development
5.1.4	Validation
5.1.5	Customer participation
5.1.6	Integration and synchronization
5.1.7	Work breakdown structure
5.1.8	Appropriate phasing
5.2	Logistic support
5.2.1	Customer summary
5.2.2	Supplier response
5.2.3	Strategy
5.3	Reports
5.3.1	Overall project report
5.3.2	Project review report
5.3.3	Lessons learned report
6	Management requirements for logistic support analysis
6.1	Control of logistic analyses
6.2	Study and validation of support requirements
6.2.1	General
6.2.2	Identification of logistic support elements
6.2.3	Assessment of resources
6.2.4	Technology impact
6.2.5	Evaluation of alternatives
6.2.6	Test, evaluation and validation
6.3	Requirements for LSA reports
7	Management requirements for support elements
7.1	General
7.2	Control of support element activities
7.3	Support element definition and development
7.3.1	Operation and maintenance task identification
7.3.2	Customer defined location
7.3.3	Prediction of consumption

- 7.3.4 Support
 - 7.3.5 Unexpected operational events
 - 7.4 Management of the production of support elements
 - 7.4.1 General
 - 7.4.2 Re-use of equipment
 - 7.4.3 Provisioning plan
 - 7.4.4 Support equipment acquisition plan
 - 7.4.5 Support facilities plan
 - 7.4.6 Packaging, handling, storage and transportation plan
 - 7.4.7 Software support plan
 - 7.4.8 Technical assistance plan
 - 7.4.9 Manpower management
 - 7.4.10 Training plan
- 8 ILS requirements for information management
- 8.1 Integration of logistic support into overall information/documentation management
 - 8.2 Data processing
 - 8.2.1 General
 - 8.2.2 Logistic support data items
 - 8.2.3 logistic support data maturity
 - 8.2.4 ILS performance reports
 - 8.2.5 Logistic support data
 - 8.2.6 Validated data
 - 8.2.7 Data flow
 - 8.2.8 Data control
 - 8.3 Information system installation/operation
 - 8.3.1 Media and interface requirements
 - 8.3.2 Information system

Page count: 23