

E DIN EN 9300-300:2026-05 (E)

Erscheinungsdatum: 2026-04-17

Aerospace series - LOTAR - LOng Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data - Part 300: Common concepts for Long term archiving and retrieval of Composite Structure; English version prEN 9300-300:2026

Contents	Page
European foreword	4
Introduction	5
1.1 In scope	5
1.2 Out of scope	6
2 Normative references	7
3 Terms and definitions	7
4 Abbreviations	25
5 Applicability	25
6 Business specification scenarios for long term archiving	26
6.1 Introduction	26
6.2 Dependency of CAD essential information use cases	27
6.3 Description of use cases for retrieval of 3D Composite design	27
7 Fundamentals, concepts, and essential information for Long Term Archiving of Composite Structure	28
7.1 General	28
7.2 Essential information for definition composite part	28
7.2.1 General	28
7.2.2 Essential information for flat patterns	29
7.3 Essential information required for stiffened laminate dataset	30
7.4 Essential information required for core stiffened (sandwich) structure dataset	30
7.5 Essential information required for core detail dataset	30
7.6 Essential information required for composite LLAI	31
7.6.1 General	31
7.6.2 Information for overlap splice LLAI	31
7.6.3 Essential information for butt splice LLAI	31
7.6.4 Essential information for no splice LLAI	31
7.6.5 Essential information for fibre orientation angle tolerance LLAI	32
7.6.6 Essential information for porosity allowance LLAI	32
7.6.7 Essential information for ply drop-off stay out LLAI	32
7.6.8 Essential information for surface preparation LLAI	32
7.6.9 Essential information for potting LLAI	33
7.6.10 Essential information for darting LLAI	33
7.6.11 Essential information for perforation LLAI	33
7.6.12 Essential information for ply wrinkle allowance LLAI	34
7.6.13 Essential information for stitching LLAI	34
7.6.14 Essential information for edge sealing LLAI	35
7.6.15 Essential information for core sample LLAI	35
7.6.16 Essential information for user defined LLAI	35
7.6.17 36	
7.6.18 Essential information for Edge of Part LLAI	36
7.6.19 Essential information for placement strategy LLAI	36
7.7 Reference dataset elements	37
8 Information Model for Long Term Archiving	37
Annex A (informative) Advanced Composite Structure Use Case Discussion	38
Bibliography	40